

ALLIES BEGIN GREAT DRIVE ON WESTERN FRONT BY LAND AND SEA

**Tremendous Attack on German Lines by Infantry; Paris
Claims Sweeping Success in Champagne;
Allies Repulsed, Says Berlin.**

By International News Service.
LONDON, Sept. 25.—The long-expected "drive" by the allies on the western front has begun on land and sea.

After a week of intense preparation, the details of which have been kept secret, the full strength of the English, French and Belgians was directed in a tremendous concentrated attack on the German front today.

The attack has developed into a general battle by land and sea from the Belgian coast to the southern limit of the German army. Such complete censorship has been established concerning the great offensive that the first actual news of its inauguration has come from Berlin in an official communication from the German war office which says:

"After an artillery preparation of great intensity, which at some points lasted fifty hours, the expected Anglo-French offensive has begun on the western front."

HAS NO HOSTILE VIENNA REPLY PLAN IN ARMING, DR. DUMBA SAYS BRITAIN NOW ON GRIER

Official Sofia Statement Insists President Wilson Insists That
 Nation Is Neutral; Continues Ambassador Be Recalled
 Exchanges with Both Sides, as He Requested.

LONDON, Sept. 25.—"Bulgaria's en-

State Department has received word that the reply of the Austrian government to the request of this government for the recall of Dr. Comenius is "The Austrian government has no hostile intentions."

but is firmly resolved to safeguard her rights and independence, if necessary by force of arms.

"Owing to the movements of troops

"Negotiations with representatives of both groups of belligerents will continue," said a French official. "The French government is not prepared to declare an armed neutrality. It is not prepared to declare that it is not engaged in action of the Belgian coast. The French midnight official is a flat contradiction of the German claim that the allies met with repulse."

This official statement was issued in Sofia tonight, the first declaration of intentions received from Bulgaria.

It is said that President Wilson insists that Austria should recall Dr. Dumba as he had requested. It is assumed at the department that the delay is due to Austria's deliberation as to whether it will recall Dumba.

On Austria's decision depends the future course of this government toward Dr. Dumba.

that she intends to fulfill to its letter her treaty obligations to Serbia. This treaty binds Athens to declare war on Bulgaria the moment Bulgarian troops attack Serbia or strike at Greek frontiers. It is not clear from the activities it is considered likely that the State Department will hand him his passport. If, however, Austria sends a friendly note informing this government that she has decided to recall its troops from the Balkans, the French infantry, in tremendous force, rushed to the aid: it.

LOSSES APPALLING.

The losses on both sides were ap

GREEK LEADERS IN ACCORD.
King Constantine of Greece and Premier Metaxas, at a conference in Athens, have agreed to support the French occupying the German line position on nearly the entire front of attack.

Down with Urbino

Crown Prince Alexander has taken command of the Serbian armies. Within three days it is predicted in Berlin the great drive through the

Balkans will begin. Confidence is expressed in semi-official circles in the German capital that Greece will remain neutral and that Bulgaria will allow German troops free passage through the Balkans.

The Urbino was placed in commission early this year. She made but one trip to Boston.

Later, in co-operation with French land batteries, tons of shells were thrown into Westende and Middlekerke, the fire sweeping the entire coast, defence of the Germans.

Close Ipswich High

School, Hot or Cold

The Manning High School at Ipswich what with hot weather and

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Continued on Page 4, Column 6. WORKING ORDER. 21108.

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LONDON, Sept. 25.—"Bulgaria's entrance into a state of armed neutrality is explained by changes shortly to be made in the political and military situation.

"Bulgaria has no hostile intentions.

By International News Service.
WASHINGTON, Sept. 25.—The State Department has received word that the reply of the Austrian government to the request of this government for the recall of Dr. Con-

ment the heavy land batteries of the French have participated.

MAY CHANGE ASPECT OF WAR.

"Of this concerted effort it is said:—

"An enterprise is being attempted which may change the whole aspect

but is firmly resolved to safeguard her rights and independence, if necessary by force of arms.

"Owing to the movements of troops

"Negotiations with representatives of both groups of belligerents will continue," said a French official. "The French government is not prepared to declare an armed neutrality. It is not prepared to declare that it is not engaged in action of the Belgian coast. The French midnight official is a flat contradiction of the German claim that the allies met with repulse."

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Continued on Page 4, Column 6. WORKING ORDER. 21000.

IMPORTANT We Have Purchased and Offer at Cut Prices the Best of Wilson, Larrabee & Co.'s Stock of High Grade Domestics



We Give and Redeem UNITED COUPONS

Houghton & Dutton Co.

We Give UNITED COUPONS With Every 50c and 100c Purchase

Big Selling Events for Busy Homekeepers

Saving Days for the Housewives—Economy Days for the Family Man—Bargains for All

20,000 Rolls of New and High-Grade Goods in This Big Fall Sale

WALL PAPER

\$1.20 COMBINATION SETS—Suitable for chambers, sitting room or kitchen. Ten rolls of side wall and 20 yards of French border. **79c**

20c WALL PAPERS—For parlor, dining room, hall and den. Extra heavy, gold, outline, stripes, etc. Per roll. **12c**

18 inch Frieze—To match all designs. Per yard. **8c**

25c IMPORTED OATMEAL PAPERS—In greens, browns, tans, blue and reds, fast. Colors. Per roll. **16c**

Cut-Out Borders to match all designs. Per yard. **8c**

10c WALL PAPERS—For chamber and kitchen. A large assortment to select from, in chintz, satin stripes, floral stripes, etc. Per roll. **6c**

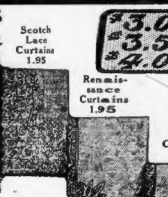
Cut-Out or Straight Borders to match. If desired.

\$2.25 COMBINATION SETS—Suitable for parlor, dining room or reception hall. Set consists of 9 rolls of "Sun-Proof" oatmeal papers, 20 yards of 18-inch border to match. **1.73**

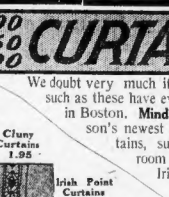
WIND O'WANE—Imitation stained glass effect. The best in the market. Per yard. **8c** upwards



Marquette Dutch 1.95



Scotch Lace Curtains 1.95



Cluny Curtains 1.95



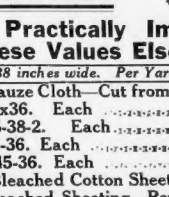
Irish Point Curtains 1.95



Marie Antoinette Curtains 1.95



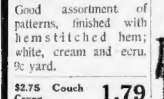
Roman Curtains 1.95



Voile de Soie Curtains 1.95



Dutch Curtains 1.95



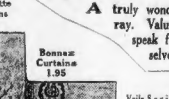
15c Drawwork Serims 9c



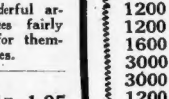
Rope Portiere 3.55



15c Curved End Rod 9c



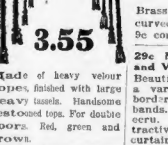
29c Marquette and Voile Scrim 18c



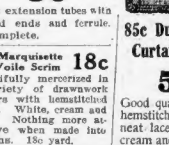
59c Good quality scrim with hemstitched hem and neat lace edge. White, cream and ecru. Set 39c.



\$2.75 Couch Cover 1.79



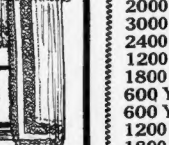
An exceptionally good value in rich, subdued colorings. Artistic patterns. All perfect and full size.



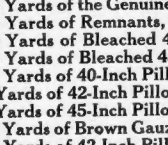
Made of heavy velvet ropes, finished with large heavy tassels. Handsome festooned tops. For double doors. Red, green and brown.



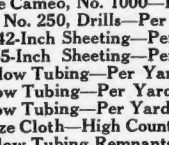
Brass extension tubes with curved ends and ferrule. 9c complete.



29c Marquette and Voile Scrim 18c



59c Good quality scrim with hemstitched hem and neat lace edge. White, cream and ecru. Set 39c.



85c Dutch Curtains 59c



59c Good quality scrim with hemstitched hem and neat lace edge. White, cream and ecru. Set 39c.

Wonderful Savings at This Big Sale—Every Housekeeper Should Come

\$9.00 White Iron Bed for



5.69

\$24.50 Drawers and



5.69

\$15 China Closet



11.98

\$29.50 Oak Buffets for



18.50

\$23.50 Brass Bed



15.50

\$2.50 Magazine



1.39

\$9.00 Lady's Desk for



5.49

\$7.50 Mattress for 4.49



4.49

\$21.50 Dining Tables 14.50



14.50

\$2.50 Magazine



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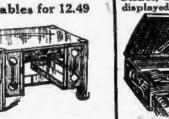
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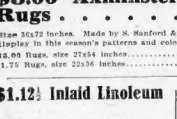


1.39

SPECIAL OFFER 80¢ LINOLEUM 4 YARDS WIDE

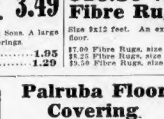
We had such an enormous demand at our last sale of these goods that our buyer immediately got busy, and was fortunate in securing another carload of the same goods. Made of cork and linseed oil mixed. Being 12 feet wide it will cover a room of ordinary size without a seam.

\$5.00 Axminster Rugs



3.49

\$10.50 Wool and Fibre Rugs



7.25

\$19.50 Tapestry Brussels Rugs



14.98

\$1.12 Inlaid Linoleum



74c

\$2.00 Andirons



1.49

\$1.00 Velvet Carpeting



69c

\$29.00 Axminster Rug



20.95

\$2.50 Folding Fire Screens



1.49

\$2.00 Folding Fire Screens



1.49

Time to Think and Prepare for Cold Weather—Important Sales Begin Tomorrow—Stoves and Heating Appliances

OIL HEATERS 2.24



2.24

Gas Radiators



1.39

Gas Heaters



1.39

\$2.50 Spark Guards



1.98

Triple-Coated Enamel Ware



49c

High Grade PARLOR STOVES



98c

Our Crest Parlor Heaters



4.49

Electric Drops



2.98

S. S. Window Ventilators



19c

PRACTICALLY ALL THESE GOODS ON SALE IN OUR ROXBURY STORE AT SAME LOW PRICES

BANKS MOVING TO BLOCK LOAN TO THE ALIENS

Action of Institutions in and About New York Thought to Show Concerted Plan.

By FRANK CHARLTON, Special Correspondent of the International News Service.

NEW YORK, Sept. 25.—That agencies hostile to the proposed American war loan to the allies are endeavoring to establish an organized movement from developments today is evident from developments today.

In addition to the anti-lan meeting under the auspices of the American Truth Society, and many letters of protest, six banks and trust companies in the metropolitan district have given notice of their decision not to take part.

The six banks and trust companies which have declined to participate are the Hudson Trust Company, the City and County Savings Bank, the Commonwealth Savings Bank of New York, the Commonwealth Trust Company of New York, the Bank of New York, and the Bank of America.

In spite of this opposition, however, the Anglo-French credit committee are said to have progressed so far in their negotiations that they have been able to put before the finance departments of the British and French governments a tentative draft of the basis upon which the allies may secure their loan.

One report in financial circles is that the loan may not exceed \$100,000,000 instead of the larger amount previously mentioned, but that subsequently negotiations may be required for another credit on the loan. The scope of the negotiations has been widened. The British and French governments have made necessary by the additional terms demanded by American bankers.

Some of the bankers interested in the deal have intimated their intention of appealing to their depositors for their own credit on the loan. If the credit is successfully floated and the paper of the Anglo-French committee is placed upon the market here.

Owens Mills Dividend.
FALL RIVER, Sept. 25.—The Owens Mills Corporation has declared a quarterly dividend of 1 percent.

Boston Feels For Earl and Lady Aberdeen

Elaborate plans are being made for the celebration of the Earl of Aberdeen and Lady Aberdeen, who will arrive in Boston on their way to the Panama-Pacific exposition, October 11, by P. A. O'Connell and Mrs. W. W. Taggart, who have the matter in charge.

The Earl of Aberdeen is former Governor-General of Canada and Lord Lieutenant of Ireland. Monday evening there will be a reception and banquet in honor of the visitors. On October 12 there will be a luncheon to Lady Aberdeen at the Women's City Club. In the evening there will be an organ recital at Tremont Temple, followed by a lecture by Lady Aberdeen.

On Thursday, October 14, there will be a tea at the Copple Place from 4 to 7 o'clock.

Girl's Face Cut in Auto Smash.
GLoucester, Sept. 25.—Miss Lilly Madocks was severely cut on the face by broken glass when the automobile in which she was riding with Mr. Gregory Coffin, physical director of the Y. M. C. A., was in collision, early today, with the auto truck of the city milk department, driven by Superintendent Herbert J. Worth. Both machines were badly strained. Both machines were damaged.

Dorchester Stable Petition Is Denied.
Attorney for the Norwood and Telm street, Dorchester residents who objected to a coal yard on Norwood street, owned by the Boston Health Board, that the petition for a stable on Norwood street had been denied.

Waiting in Vain for Some Republican Machine Newspaper to Point Out That McCall Is the Candidate of a MINORITY of the Republican Party; Figures Show That the Republicans Who Voted Against Him Last Tuesday Numbered 4,352 More Than the Republicans Who Supported Him

QUESTIONS of the week. What will Saturday's Republican "platform" convention do with—
1.—Lodge.
2.—Prohibition.
3.—Mr. Cushing's sectarian amendment?

Secretary of State Albert P. Lansing, Republican, candidate for re-election, has written to Willard O. Wells of Beverly, prohibition candidate for the same place, to say that he, Lansing, would "welcome national prohibition or anything that will put an end to the drink evil."

It now appears that Senator John W. Weeks is NOT a candidate for the Republican nomination for President next year.

Senator Weeks, reaching Washington yesterday, let it be known for Boston correspondents that he "not at present" a candidate for the nomination and will be governed by "various conditions in whatever utterance upon the subject he may choose to make."

Which in view of all that had already been done in the way of a Massachusetts campaign, indicates that something has happened.

Some of the political gossip in yesterday's issue of the Republic, former Mayor John F. Fitzgerald's newspaper, has occasioned comment. One of the Republic's speaking of Mr. McCall.

He is a big man, and the Republic, in its editorial, when he is mentioned, has stood out against the own party in favor of a Democrat in more than one instance. It is a member of the committee on the platform, and the vote of his old constituents, the Bostonians, shows a fondness on the part of hundreds of thousands for voting for him on this account.

Which, of course, is utter rubbish and the attitude former Mayor of Boston should know it.

Not one Democrat in one thousand in the McCall district ever

69,860

65,508

Observe the figures above and below the likeness of the distinguished Republican nominee for Governor. They are significant figures. They are giving the Republican bosses no end of worry. The fact is that while 69,860 Republicans voted on Tuesday to let McCall try once more to defeat Governor Walsh, 65,508 Republicans voted against him.

Mr. McCall, a majority of all the Republicans who attended the primary registered their opposition to McCall's nomination.

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PEACE DEIGISSES "PROS" AND "ANTIS" DEBATE ON SUFFRAGE

Continued from First Page.

The Women's City Club, under whose auspices the debate was arranged, presented a list of speakers. The anti-suffrage speakers were Miss Lucy Price of Cleveland, and Mrs. A. J. George of Brooklyn. The pro-suffrage speakers were Miss Florence Allen of Cleveland, and Mrs. Teresa A. Crowley of Boston.

Each speaker spoke for thirty minutes, first an anti, then two pro, then an anti. Miss Price led off. She is secretary of the Cleveland Anti-Suffrage Association, a member of the staff of the Cleveland Leader, and a graduate of Vassar. She and Miss Allen discussed the national aspect of the question. Miss Allen practices law in Cleveland and has campaigned widely for suffrage.

Miss Allen said: "The basic reason for advocating equal suffrage is that it is just, but the practical reason is that women who have worked for legislation and law enforcement have found themselves comparatively powerless without the pressure of the ballot."

"At the time the Congressional Child Labor Bill was under discussion six of my particular friends wrote letters to Senator Burton, urging him to support the bill. As I had been elected to the Senate, I began by calling myself a 'woman's man' and signed myself 'P. R. Allen.'"

She said: "I think the letters of women about such a bill would be answered, while I, who signed myself 'P. R. Allen,' received a letter from Senator Burton, pointing support of the bill."

"Women do not want to plant men in politics, but they want to be able to control the children who are working girls, to add their experience to that of the men."

Mrs. Teresa A. Crowley, a Boston lawyer and mother of three children, spoke for the local aspect of the suffrage question.

"In the old days," she said, "it was said that equal suffrage would produce such tremendous changes that it would be dangerous to enfranchise women. Now, on the other hand, it is said that it would produce no change at all, therefore it is not worth while to enfranchise women. For some reason or other, the question has been raised—"

"The question has been raised—'Should we vote?' In the case of women in Massachusetts who have the right to vote, the answer is that the majority have been in the majority for a year and a half or two years."

"Of other women, the largest body of organized women in the country is the National Federation of Women's Clubs. I've gone on record by declining membership for equal suffrage. The National Educational League, the National Educational Association has enrolled this year and a half or two years."

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have enrolled themselves in favor of equal suffrage."

"Mrs. A. J. George of Brooklyn, a prominent anti-suffragist, said: 'Woman suffrage has never been adopted in any State where the men have sufficient interest in the question to vote upon it. The highest percentage of the possible vote cast on the suffrage amendment in any state that has adopted it is forty-four. It is clear that popular indifference is the chief hope of the movement.'"

"The only thing we fear is lack of interest, and a small vote."

"I believe the suffragists of Massachusetts will get tired before the men's desperate resort of marrying women who are not of their own kind."

"There are in this State 25,000 more women of voting age than there are of voting men. This means that if given the ballot the women could, if they chose, swing any election contrary to the will of the majority of men."

Women suffrage is neither economic nor efficient. It means sending a man and a woman to do a job that the man can do at least as well alone."

Salem Motor Cyclist Given Jail Sentence.
On a charge of driving a motor cycle recklessly through streets of Salem, Arthur B. Caron of that city was sentenced to five months in the House of Correction by Judge Sears. He appealed and was held in \$1000 to be charged with driving the motor cycle while under the influence of liquor. He denied this in court.

"Safety First" Plan Reduces Accidents.
Three thousand fewer accident cases were treated at the year up to September 1 at the Haymarket Relief Hospital than during the corresponding period last year. The "Safety First" crusade is believed to have been the cause of the decrease in accidents. The increase in accidents for the past three years has been about 5 per cent. a year.

Colonian Takes 900 Horses to England.
The Leyland Line steamship Colonus sailed from Boston yesterday with 900 horses to be used in the British army. About eighty horses were shipped. The ship is making its last trip to England. The ship is making its last trip to England.

THE "NEW-ERA" CLUB WILL DELIVER MACHINES TO 500 CLUB MEMBERS.
Quick Action Is Advised to Secure The World's "STANDARD ROTARY" Best 1916

STRAIGHT SEWING MACHINE LOCK AND CHAIN STITCH
On the Easiest Payment Plan Ever Devised
CHOICE OF SIX MONEY SAVING AGREEMENTS SIX LATEST STYLE MACHINES

You are privileged to choose the most expensive styles, finished in beautiful woods at relatively low prices until each allotment is exhausted.

A First Payment Of Only 5¢ PLACES ANY MACHINE IN YOUR HOME AT ONCE as soon as the club membership is accepted. Then PAY 15¢ THE SECOND WEEK increasing the payments 5¢ each week (see table at left), until all payments are made. Then the machine is yours for life.

SPECIMEN OFFER
A \$65.00 List Price "Footstitch" Lock and Chain Model, 1916 Model
"STANDARD ROTARY" Club \$39.00
FIRST PAYMENT 5¢

Secure immediate delivery. No cash advance. No interest. No risk. The previous week's payment is refunded. (Copyrighted—All Rights Reserved) SHEPARD & NORWELL COMPANY.

PROFIT SHARING BASEMENT MILLINERY STORE

Mail Orders Filled 10c Extra. No C. O. D.

69c 1.79 1.59

BUT! we give you something better—we divide our profit with you. You actually get 10 to 20% off from our regular "lowest in the city" prices. Our NO-RENT Basement is the reason why we can give these values. So-called wholesale millinery stores never equalled Kornfeld's Basement values. No store in New England can possibly afford to. Come—see and compare our styles, prices and values with those elsewhere—anywhere! Our stock is complete and NEW.

4 SHAPES (on left), at our Profit-Sharing Price 69c
Clever and practical, yet most reasonably priced. Besides being of excellent velvetea, at this price we will trim your hat free while you wait. Value 98c.
Kornfeld's values are wonderful. You will never go elsewhere when once you have taken advantage of our wonderful styles, values and free service.

4 SHAPES (in center), at our Profit-Sharing Price 1.79
For clever assortment these hats speak for themselves. They are of a high-grade silk velvet, and are in black. Each hat is perfect in line and fit. They would have sold for \$2.50 at our former "lowest in the city" prices. Take advantage of our wonderful styles, values and free trimming service.

4 SHAPES (on right), in silk plush, and silk velvet combined 1.59
Dressy and exclusive, yet most practical. A hat that should be priced \$2.00 at the least. The top is plush smoothed down and given a beautiful high lustre finish. The facing is of silk velvet. All black on. Trimmed free—with one of our clever fancies gives you a high-grade hat at a wonderful saving.

Chiffon Butterfly
Made of chiffon, in any color, with bow or no bow, to match, or of plain silk. Value 75c. 29c

Ostrich Pompon
Fine grade, with 1 foot cord. In all colors. Value 75c. 59c

Quill & Fur
Fancy in white, can be used in all colors. Many ways. Value 75c. 59c

Ostrich Pompon
Fine pompon, all colors. 1 foot cord. Ostrich finish. Value \$1.50. 98c

Everything for Millinery
Frames, 25c to 60c. Glue (in tubes), 25c. Frame, Ribbon and Lace Wire. Children's Hats. WE REBLOK, Felts, Yc \$1.00
Hats and Trimmings

Hats Trimmed Free
Kornfeld's made Free Trimming a reality. Thousands use this service with complete satisfaction. So can you.

UNUSUALLY GOOD STYLES AT UNUSUALLY LOW PRICES

65-69 SUMMER ST.

PRES. LANNIN ON BASEBALL EFFICIENCY

Tells Julian Hawthorne of "Inside" Game and Dwells on Importance of Brains

"Nobody on the Outside Knows Half of What Goes on in a Game," Says the Red Sox Owner, "You Might Think You Saw a Bonehead Play; but if You Knew the Inside of It You'd See, Maybe, It Was a Bright Idea That Had Been Tried Out and, for Some Accidental Reason, Hadn't Just Hit the Mark."

By JULIAN HAWTHORNE.

THE text on which you are requested to lecture this morning, Professor Lannin, I said, "is Baseball Efficiency. Nothing personal is intended or desired. Boston is satisfied with you and your club; we believe there is nothing better in sight just now, and we are prepared to wager the price of admission to the World's Series that, when that is over, there will be nothing so good as the Red Sox. But the AMERICAN would be glad to print your general views as to whether it be possible, or desirable, to make baseball players physically more efficient than they are. And if so, how?"

Professor Lannin did not interrupt the flow of my verbosity; from his expression I judged that he would have been content to let me do all the talking. Like other great executive heads, he does not seek the laurels of the rhetorician. He certainly is not growing rusty from dearth of occupation. The two or three office rooms at Fenway Park, into which I had found my way, were filled with busy young gentlemen, engaged in receiving and carrying out his orders. He was there in the midst of them, serious, intent, alert, though betraying no signs of exhaustion; his quiet countenance had the ruddy hue of perfect health, and the grip he gave me showed that the muscles of his stalwart frame were in working order.

At the final stages of the titanic struggle which has been in progress since last March, during every hour of which he has been working at top speed, he looked competent to begin all over again if necessary. To be sure, he has got to the summit of the hill, and success brings a vigor of its own; but he neither weighed down by the heaviness of defeat, nor even rent by the strain of being within possible striking distance of the goal; he had arrived; or, if we must be precise, only a semi-accident could dispossess him. But when I congratulated him on his good looks and great achievements, he smiled and shook his head. The responsibility was still upon him; the reins of that mighty team which he was driving, nine-in-hand, were still to be guided down those last thrilling moments of the home-stretch, amid the thunder and the uproar. He was not yet ready to relax and say, "It's done!" The Lannin of a few weeks hence will wear a different aspect.

"One notices many new

names on the rosters of the clubs at this stage of the season," I went on, to get him started. "Have the men who have been retired failed from physical disability; or have they been displaced because it was possible to get other men who would fill their positions better?"

"Well, I think changes are made for both reasons," he replied. "During a season, one always has an eye out for good men all over the country; and when a team has been playing for a while, one sees spots which might be improved—that a little change here and there might make the team-work better; and new men are brought in. But it also happens that a man will break down or go off physically; and he has to be replaced somehow."

"And do you think these physical breakdowns might have been averted if the men had been in better training at the beginning of the season?"

My Professor thought a moment. "There's danger of a man going stale if he trains too much," he said. "If he kept hard at it all Winter, he'd be likely to lose his grip before the end of the Summer." He added, after a pause, "But, anyhow, many of the men keep fairly active during the Winter; they'd be doing work on their farm, or they'd be out hunting, or something like that. They've got their own interest to keep them in decent shape. They work for their living, and if they are not able, when the time comes, to do the work, they lose the means of their livelihood."

"Still," I suggested, "a young fellow, full of youthful spirits, may understand the importance of keeping in condition, and yet yield to a temptation to dissipate. Even the oldest of us don't always live up to logic."

"That's true, too," Mr. Lannin assented. "Well, maybe it would be a good thing if the boys would keep up a little regular exercise all Winter; nothing strenuous, but enough to keep their joints and muscles limber. But, of course, it wouldn't be easy to keep an eye on them, at their homes, all over the States. If they were told to do it, we'd have to leave it to them to keep their promises. There'd have to be some general instructions issued from the leagues—something of that kind. Naturally, at the end-up of a season the boys are thinking of taking a rest."

"Do you consider the season is too long?" I asked.

"No; no, it's not too long. The men can go through the season, barring accidents, without hurting themselves. We can play six games every week, and get

away with it all right. It's the double-headers that bring a strain. Double-headers are not allowed by the rules at the first part of the season; they have to be played toward the end. Now, this week, for instance, we have to play three double-headers, and the regular games, too—that's nine games altogether. That's something of a strain, especially if some of the games are uphill games, like the one we played the other day—the other team was ahead of us up to the last half of the eighth inning. But that's in the day's work; it can't be avoided."

"There seems to be a dilemma, then, between strain from over-training, and strain from unavoidable excesses in the game schedules," I commented. "But you know so-and-so, and so-and-so, of such and such teams"—by Mr. Lannin's desire I shun personal references—"who began the season in hard condition, and they are still at the top of their form; they haven't gone stale; whereas so-and-so and so-and-so, who began soft, and out of condition, have not been able to finish. Isn't the over-training risk the lesser of the two?"

"There's all sorts and kinds of men," returned Mr. Lannin. "It wouldn't be easy to draw a hard and fast conclusion about it. Take it by and large, there's usually enough left out to finish the season. There might be some improvements made, perhaps, but it would be hard to say off-hand just what they would be, and how to effect them."

"Are the men given any other exercise, during the season, than playing the games?"

"No, nothing more than sweating out a man who might be a bit too fleshy; we'd put him in a rubber coat and let him run round the lot awhile. But hot weather like we've had lately will keep a man from getting too fat; some of the games lately have taken as much as three or four pounds off a player. In the mornings, if we're to play only one game that day, we have practice on the ball-ground; but double-header days we cut that out. No, there wouldn't be any use in giving them more exercise than the playing games gives them."

"And, no doubt, in baseball, as in other human activities, we have to deal with men in the mass rather than with individuals. I forget how many baseball players the professional leagues comprise; but each one of them would be the better for individual attention, if he could get it. To a certain extent the individuals do get it; the manager has them all under his daily supervision, and knows how each should be handled. But the general league rules can consider the average man only.



"How long is it since you handled a bat, Professor," asked Mr. Hawthorne (shown at right). "I was down there doing a bit of batting yesterday," was the reply of Pres Lannin of the Red Sox (shown at left).

Whether a time will come when there can be greater opportunity for particularizing, time will show. Meanwhile, I thought of another question.

"Is baseball becoming more a game of brains than of brawn?" I asked my victim.

"It surely does need brains to play the game right nowadays," he answered. "Nobody on the outside knows half of what goes on in a game. You might think you saw a bonehead play; but if you knew the inside of it, you'd see, maybe, it was a bright idea that had been tried out, and, for some accidental reason, hadn't just hit the mark. Of course, the men have to be thinking all the time, a moment's want of attention can lose a game. You must not only keep your eye on the ball, but you must be looking ahead to see what's likely to happen next, and judging by what you know of a man what he's likely to do, so that you can check him or help him out, as the case may be. Yes, I suppose the brains part of the game is improving every year—at least, there's more opportunity for brains to tell in a game. But

that isn't saying that any man can afford to be anything less than at his physical best, too."

"No; but if you had to make your choice between a big, powerful athlete in the best condition, and a nervous, brainy man, always on edge" (I mentioned an example, in one of the clubs), "which would you choose?"

"To be sure I'd choose the brainy one," said Mr. Lannin, without hesitation. "No one with big muscles can stand up against a man clever in his head in this game. But, on the other hand, if we waited to make up a team until we could fill it with men who had the muscles of an athlete combined with the brains of a college professor, we might wait long. We have to take the best we can get, as they come along; and I think the grade improves every year. Then again, if you have two or three good intelligent men on the team, the others will take after them; they'll leaven the whole lump, more or less. There's mighty few fools on a good ball team; and those who aren't so smart at the beginning will be learning all the time. Most players are in the

game, not only to make a living, but because they like it; and because they like it, it trains their minds as well as their bodies."

"But can the science of the game get finer and finer indefinitely?" I wanted to know. "Isn't there a limit, beyond which it can't be improved? And doesn't it seem as if we might be pretty near that limit now?"

There was something almost plaintive and reproachful in the expression of Professor Lannin's face. Did I expect him to be a prophet as well as a professor; were such functions expected in a club president?

"It's not like what it might be if the same men kept in the teams indefinitely," he opined, after rubbing a hand over the top of his head. "There's new blood coming in every season, and they have to be taught, and get their own experience. But I'd say that new points would be coming up every year, and they have to be tried out, and the best way of meeting them decided on. We can't be going backward; and I don't think that we're standing still; so maybe we're going ahead." I perceived that the Professor

was not to be entrapped, so I put one more query as to a mere matter of fact.

"Is any control exercised over the men's diet during the season?"

"No, the diet is pretty well left to the men," he replied, with an air of emerging from the gloom of the woods. "Traveling round from one town to another, it wouldn't be easy to make sure of finding any special food at every place. They get to know what's good for them, and mostly they take that, when it's to be had. When a man is working hard outdoors he feels the need of nourishing food, and doesn't have to be told to take it."

At this juncture a photographer came in and regarded us with a professional eye as he unlimbered his machine. "Bad light here; guess you'll have to step outside," he remarked.

So we rose—I thought Professor Lannin did so almost with alacrity, and we passed through the offices and went down to the lower boxes of the grandstand. The sun was shining brightly on the broad green levels of the diamond, and the air was soft and mild; an ideal

day for the afternoon's double-header. Men were rolling the grass, and others were marking out the long white lines. One felt a desire to get out there and toss a ball about.

"How long is it since you handled a bat, Professor?" I inquired. He must be a good deal over forty years of age, and I was partly expecting a tale of long ago.

"Well, I was down there doing a bit of batting yesterday," was his reply. And, come to look at him, he might almost prove competent to take a fly or to hit one, if the exigency should arise. Once baseball has fastened its grip on a man, it never wholly lets him go again.

"Sit here," said the camera man. "Now, look as if you were talking together. Mr. Hawthorne, you better have a piece of paper and pencil, like as if you were taking it down."

So we did our best, and our effigies were graven, in a moment, on the eternal adamant. And then I once more ventured my hand into that iron grip, and Professor Lannin parted from me without a trace of animosity in his face.

5,000 WILL HEAR PHONE TALK TO SAN FRANCISCO

Company Arranges for "Listening in" Party at Mechanics Hall Tomorrow Evening.

Five thousand people in Mechanics Hall tomorrow evening will "listen in" to a telephone conversation between Boston and San Francisco. At the same time, San Francisco, another big city, will be listening in like fashion.

Behind the statement lies an interesting little story, best told by Thomas J. Kennedy of the Telephone Company. He said: "Some time ago, when telephoning between Boston and San Francisco became a fact, I suggested to the heads of the company that we arrange some way by which men interested in the telephone might have a chance to listen in such conversation. It was given charge of the preparation and my first idea was to hold the thing in our building. But when word of our plans got out, it was decided to hold the party for persons to 'listen in' came tumbling in. It was either a case of the 'come and see' or the 'see and come' type. The latter, it is said, is the more common one. In fact, it is possible for all these people to listen in. I combined the whole lot for them. It will only get about 2:30. There have been arranged, one to every two seats in the hall, floor and balcony. The conversation will last about an hour and a half. The event will be held in our building. And our announcement has attracted those who come to take turns at the telephone. There will be one for every two people present—and every one will be able to listen."

Budget Commission Drawing Up Report

The Boston budget commission is drawing up its report, which must be submitted to the Mayor and City Council by Friday, October 2. It is said that the budget will include about \$100,000 more.

Major Curtis, the "Corporation" and City Auditor have been examining the budget form. Members of the Finance Commission saw him. He did not mention the Finance Commission's proposed system. He did not mention the Finance Commission's proposed system. He did not mention the Finance Commission's proposed system.

Try to Identify Man Dead Since Aug. 13

Police are making efforts to identify the body of a seventy-year-old man who was found dead from gas poisoning on August 13 at the house at 114 Harrison avenue. The description is as follows: The man was about 180 pounds, years old, five feet seven inches in height, weighed about 180 pounds, of medium complexion, blue eyes, gray hair, and no mustache.

FREEZE-EVANS. Miss Marion Louise Evans, daughter of Mr. and Mrs. Louis H. Evans, of Newtonville, was married last night to Sidney Low Evans of Woburn, at the home of the bride's parents on Madison avenue.

"DEAR MOTHER:— A good thing to send would be a package of Grape-Nuts, or something of that kind that is not expensive or heavy and is of good food value. Your son, WILL."

From a Canadian soldier at the battle front; reprinted from the *Renfrew* (Ont.) Journal.

Wherever hardships are endured, wherever big deeds are accomplished, there a food is demanded that provides maximum of value in brain- and body-building material with minimum of bulk. In this respect no other food equals

Grape-Nuts

In building the Panama Canal thousands of brain workers as well as brawn workers kept themselves fit and in trim by eating Grape-Nuts dry from the package.

Not only does Grape-Nuts supply all the brain- and bone-building, nerve- and muscle-making elements of choicest wheat, but also the rich nutriment of malted barley.

Grape-Nuts is highly concentrated nourishment in compact form—always ready, crisp and delicious—thoroughly baked and packaged to keep indefinitely, anywhere.

Wherever time is precious and sound nourishment vital you'll find Grape-Nuts.

"There's a Reason"

Sold by Grocers everywhere.

Attention Antis! Who Now Runs Worcester Postoffice? a Woman

Miss Helen A. McCarthy, who directs 250 men employees at Worcester Postoffice during the vacation of Postmaster John Alden Thayer.



Best Equipped Employee in Service Is Boss During Postmaster's Vacation.

Anti-Suffragists are invited to take notice of the fact that the Worcester postoffice, second largest in Massachusetts, third largest in New England, has been put in charge of a woman.

Out of the 250 odd employees of the office, Postmaster John Alden Thayer chose—who he had to choose a person to take charge—Miss Helen A. McCarthy, a young woman of long experience and great ability, and laid the reins in her hands.

Which, some say, goes to show Mr. Thayer—a former Congressman—is for suffrage, and which certainly goes to show that Mr. Thayer appreciates the fitness of a woman for public service.

Miss McCarthy is exceedingly modest over her new post. She is so modest that she signs all letters sent out during Postmaster Thayer's absence: "John A. Thayer, by H. A. McCarthy." Orders issued, however, must be signed thus: "Helen A. McCarthy, acting postmaster."

She could sign the letters so if she chose; but she chooses to keep her name in the background, behind the initials.

QUALIFIES AS AN EXPERT. Miss McCarthy probably knows more about the workings of the postoffice than any other employee.

G. A. R. MEMBERS FOR BIG PARADE IN WASHINGTON

Bay State Veterans Board Special Train for Encampment. More Follow Today.

Hundreds of Massachusetts Grand Army men left Boston yesterday and hundreds more will leave today for their national encampment at Washington and to take part in what is probably the last great parade of Civil War veterans the country will ever see. At State headquarters it was estimated that 2,000 would make the trip, and it was announced that twenty-five Massachusetts posts had voted to attend the national encampment in a body.

Accompanying the hosts are wives and friends of the members, as well as delegates from the Grand Army auxiliary bodies, the Women's Relief Corps, the Daughters of Veterans and the Sons of Veterans.

The parade will be in commemoration of the big parade in Washington just fifty years ago when several hundred thousand Union soldiers, fresh from Southern battlefields, marched down Pennsylvania avenue and passed in review before President Johnson and his commanding general, preparatory to being mustered out to return to private life.

A Massachusetts man, General Nelson A. Miles, will be chief of staff of the parade, and another Massachusetts man, Post Commander George A. Sherry, is in charge of staff.

BOARD SPECIAL TRAIN. Grand Army men have been making special efforts to attend this encampment. Many more have been holding false and using other methods of obtaining funds for those who are not able to afford the trip. Some wealthy men have privately contributed toward this object, so that it is safe to say few veterans who want to go will be found at home this week.

City and State employees who are veterans have been given permission to go without loss of pay.

A big special train pulled out of the South Station at 3 o'clock yesterday morning, bearing Department Postmaster Alfred H. Knowles and his staff, many of whom accompanied by their wives. On the train also were the posts from Arlington, Somerville, Clinton, Watertown, Natick, Framingham and Weymouth.

The Boston posts which will attend the encampment include Dighton Post 2, Charles Russell Lowell Post 7, Albert Lincoln Post 11, John A. Andrew Post 15, Thomas C. Stevenson Post 17, Washington Post 2, Joseph H. Post 25, Charles Ward Post 32, F. H. Post 33, Edward W. Post 34, George C. Post 35, Boston Post 36, James A. Post 37, George H. Post 38, William H. Post 39, Charles H. Post 40, William H. Post 41, William H. Post 42, William H. Post 43, William H. Post 44, William H. Post 45, William H. Post 46, William H. Post 47, William H. Post 48, William H. Post 49, William H. Post 50, William H. Post 51, William H. Post 52, William H. Post 53, William H. Post 54, William H. Post 55, William H. Post 56, William H. Post 57, William H. Post 58, William H. Post 59, William H. Post 60, William H. Post 61, William H. Post 62, William H. Post 63, William H. Post 64, William H. Post 65, William H. Post 66, William H. Post 67, William H. Post 68, William H. Post 69, William H. Post 70, William H. 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SUNDAY, SEPTEMBER 20, 1919

Braves Wind Up Road Season with 5 to 2 Victory Over the Pittsburgh Pirates

SCENES AT FENWAY PARK WHEN THE RED SOX CONQUERED THE ST. LOUIS BROWNS



At top—Knights of Columbus in special reserved section as guests of President Lannin of the Red Sox. Centre—Hooper safe at third in the first inning (at left); Janyrin scoring the tying run on passed ball in the eighth inning (at right). Below—Pratt of St. Louis safe at third in the third inning.

BRAVES CRUSH
PIRATES WITH
TRIPLE SCORE
IN THE THIRD

Sept. 25.—The Braves wound up the Pittsburgh season today by setting the Pirates down to defeat to the tune of 5 to 2.

[illegible]

FOOTBALL RESULTS

Harvard 10, Colby 7.
 Dartmouth 13, Mass. Aggies 6.
 Penn T. West Virginia 6.
 Princeton 13, Georgetown 6.
 Brown 26, U. Conn. 6.
 Brown 26, U. Conn. 6.
 Colby 21, Cornell 10.
 Columbia 10, N. H. State 6.
 Yale 37, Natick 0.
 Carleton 6, Lebanon 6.
 Williams 15, Batesville P. L. G.
 Worcester Tech T. Conn. Aggies 6.

SCHOOL.
 Everett 44, Fitchburg 6.
 Manchester 26, Merrimack 6.
 Keeler 50, Uxbridge 6.
 Lawrence 77, Concord N. H. 6.
 Concord 6, Alton 6.
 Worcester Acad. 53, Milton Seminary 6.

CHANGE HELPS JACKSON.
 Joe Jackson in White Sox uniform
 looks a lot better than he ever did
 in Cleveland uniform. He says he lik

Exeter Humbles Cushing, 55 to 0, in First Game

The Cushing Academy eleven by the score of 55 to 6, in the opening game on Pilgrimage Field.

At no period was the visiting team dangerous as the visitors 1-ling unable to pierce the Custer line for gains of any importance.

The superior interference and open running of Ketter's players forced their victory.

KETTER'S

Martin, Torm, 10 A.B., Bonner, 10
Wagner, 7 L.G.,
Walton, 9 L.G.,
Henderson, 8 L.G.,
Denny, 10 L.G.,
Larney, 10 L.G.,
White, Bonnetty, 10 L.G.,
Ketter, 10 L.G.,
Cush, 10 L.G.,
Galek from touchdowns—Johnson & Kapteina 10
Newton Johnson—Pedersen, Ketter

STANDING OF THE CLUBS

[illegible]

Hidden Ball Tag Starts Brockton Baseball Riot

BROCKTON, Sept. 25.—In a riot at the Colonial League ball park today, during a baseball game between the Randolph All Stars and the L. Q. White nines of Bridgewater, with five special policemen on duty, a riot call was sounded, despite the protest of President Dan Smith, of the Brockton Colonial League Club.

Patrolmen answered the call from police headquarters and quelled the disturbance.

The trouble started in the seventh inning, when Roger Lewis Courtney, former Brockton Colonial League player, objected to being tagged at second base on a "hidden ball" play. He claimed the umpire had hidden the ball, and they would abide by the American League rules, which forbid the "hidden ball" trick.

BASEBALL RESULTS

AMERICAN LEAGUE
 Cleveland 2, New York 5 (mc).
 New York 3, Cleveland 1 (mc).
 New York 5, Philadelphia 1 (mc).
 Chicago 3, Philadelphia 2 (mc).
 Detroit 3, Washington 3 (mc).
 Detroit 3, Washington 3 (mc).

NATIONAL LEAGUE
 Boston 3, Pittsburgh 2.
 Brooklyn 3, Cincinnati 4.
 Philadelphia 3, Chicago 4.
 New York 3, St. Louis 3.

FEDERAL LEAGUE
 Newark 4, Pittsburgh 2 (mc).
 Pittsburgh 1, Newark 0 (mc).
 Cincinnati 13, Brooklyn 4.
 St. Louis 10, Buffalo 4.

LANNINS COME FROM BEHIND AND WIN OUT

By EIGHT FIELD

The Red Sox, with George Foster allowing but four hits and working out of a few tight corners, humbled the aggressive St Louis Browns at Fenway Park, 3 to 2, yesterday, largely through a fortunate combination of circumstances in the last half of the game.

the pennant absolutely sure.

It was a harder task to keep the Browns in submission, but the Sox had counted upon, for Earl Hamilton yielded but six hits.

SOX BATTERY BUILT UP VICTORY.

It was the Sox battery which eventually built up the win, when the team was at the short end of a 2 to 1 score. Foster Cady opened the eighth by beating out a hit down Austin's way, and Harold Jannvin was sent in to run the rest of the route for him. Foster caught the foe's guard when he tapped one between the box and nos, and got credit for a hit out of the strategy.

SPEAKER IS PASSED.
Hooper sacrificed, a hit to third and Scott fanned, but the ball got to the blue Jannvin, who made a sliding stop and Cady making

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RED SOX SPLENDID THE BROWNS IN SLASHING RALLY

Carrigan's Men Come from Behind and Bang Out Winning Runs in Eighth.

THE SCORE.

	B	R	E	S	X	B	R	O	W	N	S
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0

SOUTHERN LEAGUE will move on to the National League's championship game on Monday. The Phillies have a chance to win the pennant if they can win the game on Monday. The Phillies have a chance to win the pennant if they can win the game on Monday.

GROVER CLEVELAND AT PITCHER in the New York game. He was only the second pitcher to win a game in the National League. He was only the second pitcher to win a game in the National League.

THE CARIBBEANS broke the tie in the fourth when Speaker was hit by a single and Foster sacrificed. The Caribbeans broke the tie in the fourth when Speaker was hit by a single and Foster sacrificed.

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Tangos' Barred by Boxing Commission. The State Boxing Commission on Monday has decided to take new and more stringent steps to prevent boxers from making feigns of death. The State Boxing Commission on Monday has decided to take new and more stringent steps to prevent boxers from making feigns of death.

Why Not Look over the unusual bargains that are advertised in the Used Car Columns OF THE Boston American TODAY?

Many cars that would bring big prices at another season of the year can be bought at unheard-of low prices now.

DELIGHTS OF SPORTS BY RIGHT FIELD

BASEBALL CARD FOR BIG WEEK
TOMORROW—The Braves are back from last road trip.
TUESDAY—The Braves are back from last road trip.

WEDNESDAY—The Braves are back from last road trip. The Braves are back from last road trip. The Braves are back from last road trip.

THURSDAY—The Braves are back from last road trip. The Braves are back from last road trip. The Braves are back from last road trip.

FRIDAY—The Braves are back from last road trip. The Braves are back from last road trip. The Braves are back from last road trip.

SATURDAY—The Braves are back from last road trip. The Braves are back from last road trip. The Braves are back from last road trip.

SUNDAY—The Braves are back from last road trip. The Braves are back from last road trip. The Braves are back from last road trip.

MONDAY—The Braves are back from last road trip. The Braves are back from last road trip. The Braves are back from last road trip.

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DOUBLE STORY CUBS DEFEATED BY PHILLIES IN ELEVENTH, 5-4

Veatch Makes Six Hits Drives in Vaughn's Shower Bath While Seven Runs for Detroit in the Two Games.

WASHINGTON, Sept. 25.—Detroit was a double victory over Washington today by a score of 5 to 1 and 4 to 1 in the two games. The Phillies were the victors. The Phillies were the victors.

STILL IN FLAG RACE. Detroit's first win was made in the fourth inning when Vaughn hit a home run. Detroit's first win was made in the fourth inning when Vaughn hit a home run.

ST. LOUIS, Sept. 25.—The Giants won the first game of the double by a score of 5 to 4 in the eleventh inning. The Giants won the first game of the double by a score of 5 to 4 in the eleventh inning.

ST. LOUIS, Sept. 25.—The Cardinals won the second game of the double by a score of 4 to 1. The Cardinals won the second game of the double by a score of 4 to 1.

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Hugh S. Fullerton to Cover World Series for American

HUGH FULLERTON, the man who discovered and proved that baseball is nearly an exact science, is to cover the World Series for the Boston American.

Most of you fans and huge know Fullerton's articles will analyze the relative strength of the championship contenders, position by position, pointing out where each team has the advantage.

Fullerton is familiar with every team in the big leagues. He knows most of the players personally, and in many cases they have co-operated with him in experiments on the speed of base running, the margin by which a man is caught at first, the little extra move that spoils the efficiency of a play.

His World's Series articles during past years have been full of interest for the fans. The AMERICAN will be the only paper in Boston to present this service this year.

Before the World's Series, there will be thirteen Fullerton articles. During the actual playing of the Series, he will write daily articles, pointing out the finer points by which each game was won or lost, in the fashion of which he is master.

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BRAVES DEFEAT PITTSBURGH BY 5 TO 2 SCORE

Stallings Clin Wins Up Season on Road by Smashing Win Over Smoky City Rivals.

Continued from First Page. The Braves won the game by a score of 5 to 2. The Braves won the game by a score of 5 to 2.

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Two Trains of Fans Bound to Pat Moran Day

PAT MORAN DAY, which will be observed on Wednesday, when the baseball manager of the Phillies brings his pace-setting All-Star for a really crucial series with the Cardinals.

ST. LOUIS, Sept. 25.—The Cardinals won the second game of the double by a score of 4 to 1. The Cardinals won the second game of the double by a score of 4 to 1.

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THE SCORE.

	B	R	E	S	X	B	R	O	W	N	S
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0

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Pittsfield Split Pair with Newfeds

PITTSBURGH, Sept. 25.—The Pirates won the first game of the double by a score of 4 to 1. The Pirates won the first game of the double by a score of 4 to 1.

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Brookings Beaten by Chicago, 12 to 6

CHICAGO, Sept. 25.—The Chicago Cubs won the game by a score of 12 to 6. The Chicago Cubs won the game by a score of 12 to 6.

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Brooklyn Bats Win from Reds, 8 to 4

CINCINNATI, Sept. 25.—The Brooklyn Dodgers won the game by a score of 8 to 4. The Brooklyn Dodgers won the game by a score of 8 to 4.

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Sloofeds Near Lead by Checking Buffalo

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Denver Club Insures Umpires and Players

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Gurney Winner of Brooklyn Tourney

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Ottawa Hockey Stars to Join the Colors

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Ten-Cent Baseball May Branch Out

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Newburyport Beats Merrimack, 6 to 5

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AWAY FROM THE NOISE EVERYBODY PLAYS IT

AWAY FROM THE NOISE is a new game that is popular with everyone. It is a new game that is popular with everyone.

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Bill Carrigan Concedes the 1915 Pennant to the "Red Sox Special"

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YALE IN OPENER DEFEATS MAINE BY 37-0 SCORE

Blue Eleven, by Using Forward
Passes, Successfully Scores
30 Points in First Period.

The Summary:

Yale defeated Maine 37-0 in the first football game of the season. The Blue Eleven, by using forward passes, successfully scored 30 points in the first period. The game was played at the Yale stadium, and the Yale team, coached by Walter Camp, defeated the Maine team, coached by John H. Sawyer. The Yale team scored 37 points, while the Maine team scored 0 points. The game was a decisive victory for Yale.

MAHAN SCORES THE FIRST TOUCHDOWN FOR HARVARD

Mahan is shown in the upper photograph going over for the first touchdown. Below he is seen being tackled by Colby. The Harvard team, coached by Amos Alonzo Stagg, defeated the Colby team, coached by Harry Houghton, 39-6. Mahan scored the first touchdown for Harvard.

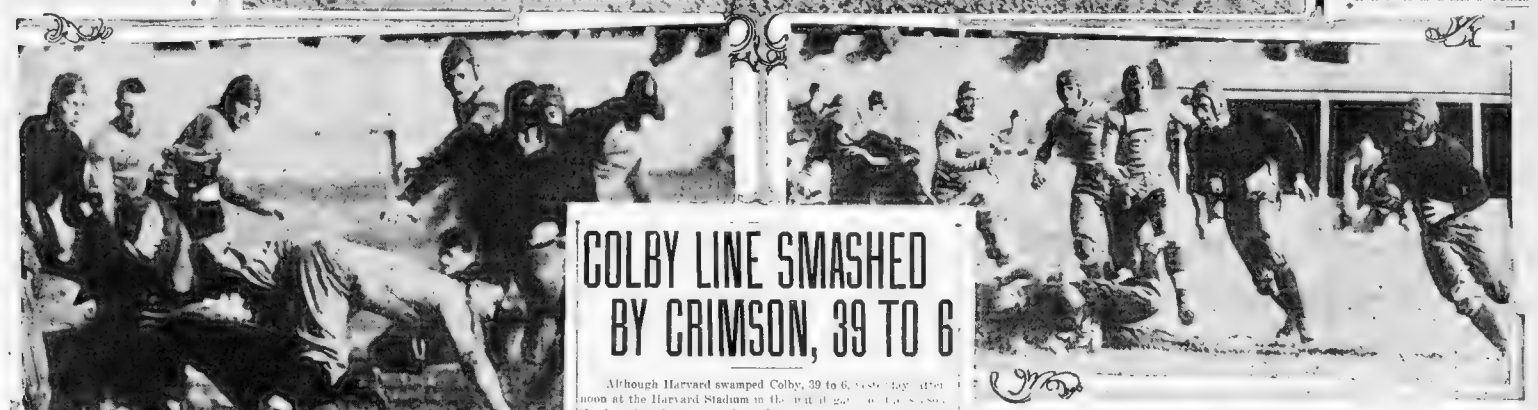


GREEN ELEVEN BEATS AGGIES BY 13-0 SCORE

Dartmouth Handicapped by Many
Substitutions as Coach Cavanaugh Tried Out New Men.

The Summary:

The Green Eleven of Dartmouth defeated the Aggies of Amherst 13-0. The game was played at the Dartmouth stadium, and the Green Eleven, coached by Coach Cavanaugh, defeated the Aggies, coached by Coach [Name]. The Green Eleven scored 13 points, while the Aggies scored 0 points. The game was a decisive victory for Dartmouth.



GOLBY LINE SMASHED BY CRIMSON, 39 TO 6

Although Harvard swamped Colby, 39 to 6, by a touchdown at the Harvard Stadium in the first period, the fact that the scrappy eleven from Waterville successfully crossing the Crimson goal line robbed the victory of much of its sweetness.

Coach Houghton's gladiators experienced little difficulty stopping the Colby charges during the first three periods, and the easy style with which the Crimson athletes smashed through the line and skirted the ends caused joy in the Harvard stands.

With an entire substitute eleven put on the field, Harvard's Colby appeared to have received a new lease of life and tore through the Harvard line at the Harvard Stadium. The Harvard team, coached by Amos Alonzo Stagg, defeated the Colby team, coached by Harry Houghton, 39-6. Mahan scored the first touchdown for Harvard.

Harvard's Mahan pulled a touchdown through the line for the first time in the game. The Harvard team, coached by Amos Alonzo Stagg, defeated the Colby team, coached by Harry Houghton, 39-6. Mahan scored the first touchdown for Harvard.

On the next play Harvard scored its first touchdown of the year. Mahan was sent through right tackle and although he was tripped, the touchdown was scored. The Harvard team, coached by Amos Alonzo Stagg, defeated the Colby team, coached by Harry Houghton, 39-6. Mahan scored the first touchdown for Harvard.

Colby displayed a flash of fine play when it scored a touchdown. The Colby team, coached by Harry Houghton, scored 6 points. The Harvard team, coached by Amos Alonzo Stagg, defeated the Colby team, coached by Harry Houghton, 39-6. Mahan scored the first touchdown for Harvard.

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A GOOD START

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LYNN ENGLISH IS SWAMPED BY WALTHAM, 81-0

Harry Dame, Waltham Coach, Ordered by Referee to Remain on
Players' Bench During Game.

The Summary:

Waltham defeated Lynn English 81-0 in the first football game of the season. The Waltham team, coached by Harry Dame, defeated the Lynn English team, coached by [Name]. The Waltham team scored 81 points, while the Lynn English team scored 0 points. The game was a decisive victory for Waltham.

Waltham's Dame ordered by the referee to remain on the players' bench during the game. The Waltham team, coached by Harry Dame, defeated the Lynn English team, coached by [Name], 81-0. Dame scored the first touchdown for Waltham.

Williams Wins from Rensselaer P. L. 15-0

Williams defeated Rensselaer Polytechnic 15-0 in the first football game of the season. The Williams team, coached by [Name], defeated the Rensselaer Polytechnic team, coached by [Name]. The Williams team scored 15 points, while the Rensselaer Polytechnic team scored 0 points. The game was a decisive victory for Williams.

Williams' [Name] scored the first touchdown for Williams. The Williams team, coached by [Name], defeated the Rensselaer Polytechnic team, coached by [Name], 15-0. Williams scored the first touchdown for Williams.

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Red and Blue Win Over W. Virginia of Score of 7-0

The game was played at the West Virginia stadium, and the Red and Blue team, coached by [Name], defeated the West Virginia team, coached by [Name]. The Red and Blue team scored 7 points, while the West Virginia team scored 0 points. The game was a decisive victory for Red and Blue.

LEXINGTON WINS AT RIFLE MATCH

Lexington won the rifle match at the [Location]. The Lexington team, coached by [Name], defeated the [Opponent] team, coached by [Name]. The Lexington team scored [Score] points, while the [Opponent] team scored [Score] points. The game was a decisive victory for Lexington.

Middlesex Club Easily Defeats Melrose for Honors at Wakefield Range.

Middlesex Club easily defeated Melrose for honors at the Wakefield Range. The Middlesex Club team, coached by [Name], defeated the Melrose team, coached by [Name]. The Middlesex Club team scored [Score] points, while the Melrose team scored [Score] points. The game was a decisive victory for Middlesex Club.

Bowdoin Wins from Durham, Score 19-0

Bowdoin defeated Durham 19-0 in the first football game of the season. The Bowdoin team, coached by [Name], defeated the Durham team, coached by [Name]. The Bowdoin team scored 19 points, while the Durham team scored 0 points. The game was a decisive victory for Bowdoin.

Lawrence Beats Concord, N. H., High

Lawrence defeated Concord, N. H., 19-0 in the first football game of the season. The Lawrence team, coached by [Name], defeated the Concord, N. H., team, coached by [Name]. The Lawrence team scored 19 points, while the Concord, N. H., team scored 0 points. The game was a decisive victory for Lawrence.

Bunting Soccer Team Defeats Methuen

Bunting Soccer Team defeated Methuen in the first soccer game of the season. The Bunting Soccer Team, coached by [Name], defeated the Methuen team, coached by [Name]. The Bunting Soccer Team scored [Score] points, while the Methuen team scored [Score] points. The game was a decisive victory for Bunting Soccer Team.

"SILENT JOHN" TITUS WINS TOWNSHIP PRIZE

"Silent John" Titus won the township prize in the first [Event] of the season. Titus, a [Description], won the prize by [Description]. Titus scored [Score] points, while the [Opponent] scored [Score] points. The game was a decisive victory for Titus.

\$1000 BONUS FOR ALEXANDER

Alexander won a \$1000 bonus in the first [Event] of the season. Alexander, a [Description], won the bonus by [Description]. Alexander scored [Score] points, while the [Opponent] scored [Score] points. The game was a decisive victory for Alexander.

Glover Wins Pigeon Shoot at Duxbury

Glover won the pigeon shoot at Duxbury. Glover, a [Description], won the shoot by [Description]. Glover scored [Score] points, while the [Opponent] scored [Score] points. The game was a decisive victory for Glover.

Guild Memorial Fund Still Open

The Guild Memorial Fund is still open for donations. The fund is for the purpose of [Description]. Donations can be made to the fund at [Location].

MINNESOTA HAS BUILT OUTLOOK FOR THIS FALL

Even Should Put Up a Stirring
Battle for Football Title
in the West.

The team that turns in a better record than Minnesota is the team that will win the championship of the West.

That's what the knowing footballing folks in the Minneapolis River district tell you and they seem to be quite correct in their assertions.

Minnesota's 1915 prospects are brighter than those of any Minnesota team in many years. It has an almost complete team of veterans to put into battle, and among those veterans it has a chap named Solon, who is called "a whole football team in himself" by no less an authority than Tom Zippke, coach of the Illinois champion.

Solon is the player who has made Minnesota of the present up, at least every other star that ever lived a greater player—made a player, a hero, a legend.

Solon has played on the line—and yet a wonderful player. Last year he was an end—and was again he played in the backfield and again he made the all-western team.

BOLD A GILBERT WONDER.

Solon hits a line with a power that seems even more crushing than that of Heston's in the old Michigan days. And when he hits he goes through for long gains. No line has ever been able to throw him back for considerable distances. He runs ends with the steadiness of Mahan, and he never has had an equal as a tackle dodger. He starts at full speed and even after he is thrown he has a trick of sliding to five yards more than he was run by his twisting and snaking. Defensively, he is just as wonderful. He is all-around, marvelous football machine, driven by a set of brain muscles as few footballers in the East or West possess.

Solon will have quite a bit of amateur work in his fall to make Minnesota supreme in the Western football world this year. Seven of his mates of last year are back, and all are sure of again making the varsity team.

Townsend and Mayer, the regular tackles last year, will be regulars. So will be O'Brien and Boston, the

Phillies Have Not Won Pennant in 32 Years

If the Phillies win the pennant this season it will be the first time in thirty-two years a National League team has won the title of National League champion.

Philadelphia began in the National Circuit in 1883.

The American League Club in the same city, under the management of Connie Mack, has landed five flags in fifteen years.

ONLY FOUR BELLARS GOVE.

Dr. Williams, coach of the Gophers will have to find a team to take the place of Heston's, captain of last year's team. A guard to replace the captain, Heston, is expected to be found in the ranks of the Minnesota team. Heston's place in the team is a great one. He is a great player and a great leader. He is a great player and a great leader. He is a great player and a great leader.

There is one other player who is expected to be found in the ranks of the Minnesota team. He is a great player and a great leader. He is a great player and a great leader. He is a great player and a great leader.

Harley Re-engaged to Coach Penn State

STATE COLLEGE, Pa., Sept. 25.—Dick Harley, the former big league player, has been re-engaged to coach Penn State. Harley was the coach of the team last year and was very successful. He is a great player and a great leader. He is a great player and a great leader. He is a great player and a great leader.

SEVERAL STARS OF GOOD STILL REMAIN

Has Won Place in Hall of Fame
by Piloting Pittsburghs to
the Top.

NEW YORK, Sept. 25.—Carr, a star in the Hall of Fame for F. F. Carr, the greatest player in the game today. Carr was a great player and a great leader. He is a great player and a great leader. He is a great player and a great leader.

OKES A WONDERFUL PLAYER.

He leads his own club, and the entire league, in timely hitting. He is a great player and a great leader. He is a great player and a great leader. He is a great player and a great leader.

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Drives Motor Car Under Pacific Ocean

Perhaps the oddest motor car ride on record was credited to Mayor John, of San Francisco, who drove under the Pacific Ocean in a Ford car. The Ford car was driven under the Pacific Ocean in a Ford car. The Ford car was driven under the Pacific Ocean in a Ford car.

CLUTCH ACTION.

If the clutch takes hold too suddenly and does not have a slight slip when let in suddenly, the transmission will be damaged. The clutch takes hold too suddenly and does not have a slight slip when let in suddenly, the transmission will be damaged.

TWIN-SIXES ARE BEING DELIVERED

The first Twin-Six car out of the regular factory production were shipped from the Packard plant in Detroit Wednesday of this week. The fact that the entire factory has been rearranged to handle an enormously regular production in accordance with the new model of scientific management is an unsavory delay in the delivery of the cars.

WHEN BRAKES ARE A DANGER

In descending long and steep hills it is dangerous to use the brakes. The brakes are a danger when used on steep hills. The brakes are a danger when used on steep hills. The brakes are a danger when used on steep hills.

Breaks Ground for Extension of Big Plant

Ground was broken last week for the first of an important series of buildings operations at the plant of the Kiesel Motor Car Company, Hartford, Wisconsin. President George A. Kiesel explains that the company is preparing for the doubling of its production of Kieselcars in the near future.

CLEANING A MOHAI TOP.

A neat appearing top adds to the stylish appearance of any car. To remove the surface and brighten it up the mohair cloth should be sponged with a soft cloth or sponge wet with warm water, in which is mixed a small quantity of ammonia. It should not be rinsed off, but merely wiped dry with a piece of clean cloth.

PRODUCE NEW WINTER MOTOR

Formal announcement is being made this week by Dodge Brothers of a new Winter car. The designers have just received their first care and the reception accorded them has created a great stir in the motor car trade. The Winter care are built with regulation touring and roadster bodies, but each one has had a detachable top individually fitted to it at the factory. The tops are carefully and firmly attached to the body and can be entirely removed in summer, and the ordinary mohair top, which is furnished as part of the Winter car substituted. Or the new Winter car substituted. Or the new Winter car substituted.

OVERHEATING ON LOW.

When low gear must be used for any considerable time over-heating may be avoided by reducing the mixture to a very lean condition.



Willys-Overland Six

Highway Six

12 CYLINDER

The Car of the Year

Will be on exhibition in our salesroom on Monday, Tuesday, Wednesday, Thursday

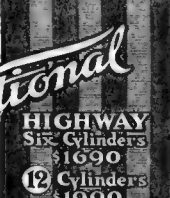
It is worthy of your critical inspection.

Arrange for a ride. Let us tell you all about the car that has made motoring a pleasure.

A. T. Hart Co.

1020 Boylston St.

BOSTON



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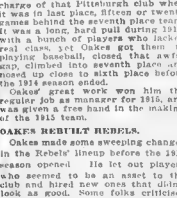
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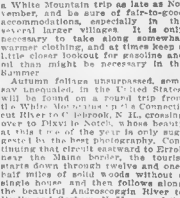
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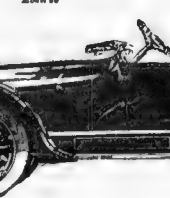
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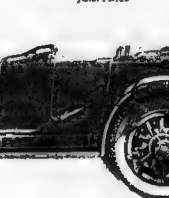
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Will be on exhibition in our salesroom on Monday, Tuesday, Wednesday, Thursday

It is worthy of your critical inspection.

Arrange for a ride. Let us tell you all about the car that has made motoring a pleasure.

A. T. Hart Co.

1020 Boylston St.

BOSTON



Willys-Overland Six

Highway Six

12 CYLINDER

The Car of the Year

Will be on exhibition in our salesroom on Monday, Tuesday, Wednesday, Thursday

It is worthy of your critical inspection.

Arrange for a ride. Let us tell you all about the car that has made motoring a pleasure.

A. T. Hart Co.

1020 Boylston St.

BOSTON

Just "Six" Facts—

To you who are confused with and weary of long drawn out aside-from-the-point arguments, we present these Six important basic facts:

The Overland Six has a wheelbase of one hundred and twenty-five inches.

Many a Six—costing more—has a shorter wheelbase.

The Overland motor develops full forty-five horsepower.

Many a Six—costing more—has considerably less power; considerably less speed.

The Overland is a roomy Six—seating seven adults with ease.

Many a Six—costing more—has a smaller tonneau; hence less comfort.

The Overland Six has 35" x 4 1/2" tires with non-skids on the rear.

Many a Six—costing more—has smaller tires.

The Overland Six has high tension magneto ignition.

Many a Six—costing more—has not.

All Overland electric control buttons are on the steering column—within reach.

On other Sixes, that cost more, they are not as conveniently located.

These few major items alone should, we believe, convince any intelligent buyer of the downright wisdom and out-and-out economy of selecting an Overland Six.

CONNELL & McKONE, Distributors

Phone B. 4314 167 MASSACHUSETTS AVE.

The Willys-Overland Company, Toledo, Ohio

Also manufacturers of Willys-Knight Automobiles

Made in U. S. A.

Model 83

Four cylinder 5 Passenger Touring Car - \$750

Roadster - \$725

Call Dealer

Model 83

Four cylinder 5 Passenger Touring Car - \$750

Roadster - \$725

Call Dealer

Model 83

Four cylinder 5 Passenger Touring Car - \$750

Roadster - \$725

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Roadster - \$725

Call Dealer

Model 83

Four cylinder

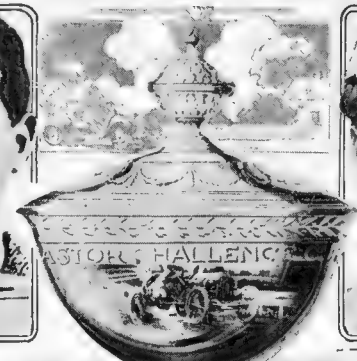
MOTOR RACE FOLLOWERS ANTICIPATE VERITABLE SPEED CARNIVAL



EARL COOPER

RALPH DE PALMA

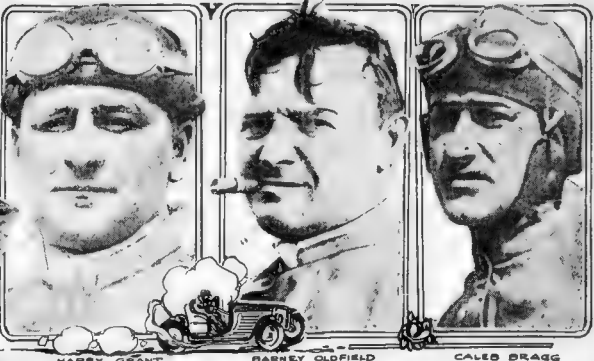
DARIO RESTA



WILCOX

REPARAT

RALPH MULFORD



HARRY GRANT

BARNEY OLDFIELD

CALES DRAGG

NEW SERIES OF SAXON CARS

Many Requirements Will Be Found in the New Models.

As the new series of Saxon cars are being introduced, it is interesting to note that they are being introduced in a very different manner from the usual manner. The new Saxon cars are being introduced in a very different manner from the usual manner. The new Saxon cars are being introduced in a very different manner from the usual manner.

AVERAGE SPEED OF OVER 90 MILES AN HOUR EXPECTED

Thirty of the Most Daring Motor Drivers in the World Are to Do Battle for the Astor Trophy in a 350-Mile Speed Contest.

By J. C. KERRISON.

A titanic struggle, in which speed, endurance and daring factor will be tested, will be on in the Astor Trophy race at the Sheepshead Bay Speedway in New York on Saturday next. This event, selected to defeat the new racing oval, has brought forth the greatest and best list of race entrants that it is possible to see in the world over. No less than thirty drivers and machines are entered for the event, which will be ridden at the "Coney" circuit.

The list of entrants comprises almost every driver of note and ability in this country, and also includes the only foreign driver who is engaged with some one of the European armies in the theatre of war.

It is expected that the drivers will themselves, or at least that they will, be one of the greatest of the race. In fact, it is expected that the drivers will themselves, or at least that they will, be one of the greatest of the race. In fact, it is expected that the drivers will themselves, or at least that they will, be one of the greatest of the race.

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LATEST NATIONAL NOW IN BOSTON

The Highway Twelve Cylinders Came to Town by Express.

The National Highway Twelve Cylinders is a car of the highest quality. It is a car of the highest quality. It is a car of the highest quality. It is a car of the highest quality. It is a car of the highest quality.

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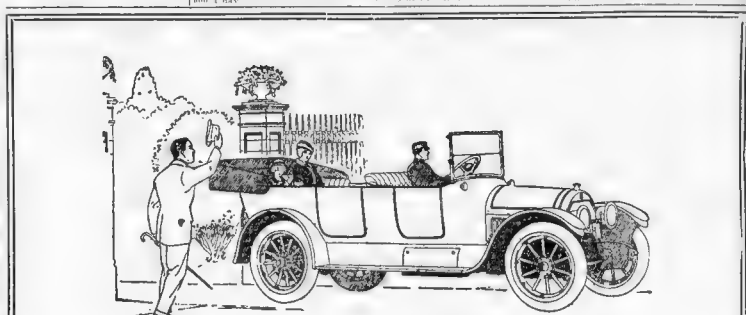
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Cadillac "Eight"—the Car You Know Is Right

It would be hardly fair to say the Cadillac "Eight" is the only good car. Yet you feel there is a certain degree of goodness about the Cadillac which no other car quite approaches. Your assurance of getting your money's worth—of getting a thoroughly dependable car and a long-lived car—seems doubly sure when you buy a Cadillac.

It is not that other cars lack merit; but the goodness of the Cadillac is so well known. So many tens of thousands of buyers have proved it for you that it has ceased to be a matter of speculation. It is always a question whether the other car is as good as the Cadillac. You know the Cadillac possesses a degree of goodness you are not sure of in any other car—and that's enough.

As to your money's worth, the signs are clearer still—if you know how to read them. Most makers don't seem to know what a good car ought to cost—rather they appear to be guessing at what price you would like to pay. But there is no guessing at the Cadillac Factory. The Cadillac is always made as fine as it is possible to make a car—and when cost records proved the Cadillac cost more to manufacture the price was increased to cover it.

There is something fair and square and true and brave about such a policy—something that makes you trust the Cadillac people when they say \$2,080 is what the best car ought to cost. And if these people dare to raise the price when nearly all other makers are cutting prices, they must have wonderfully inflexible standards of quality. It would be difficult to believe anybody is capable of producing a finer car.

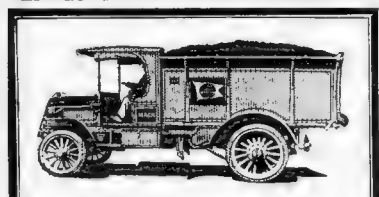
Cadillac dependability and long-life are bywords the world over. Nobody knows how long a Cadillac will last—the first ones are only 13 years old and are still running. As for the Cadillac "Eight," its smoothness has doubled its chances of life, and its marvelous performance and dependability have revolutionized the industry.

Yes, these are the things that make you feel there is a certain degree of goodness about the Cadillac which no other car quite approaches. The Cadillac "Eight" is the car you know is right.

CADILLAC AUTOMOBILE CO. of Boston.

664 Commonwealth Avenue

73 Lowell Street, Manchester, N. H.



TRUCKS Mack TRUCKS

The Metropolitan Coal Company purchased a MACK truck in February 1912. Since then this truck has covered 40,000 miles—always operating on Boston cobblestone pavements.

It has delivered 38,000 tons of coal.

For day in and day out service it is still considered as good as new.

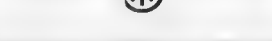
On the performance of this machine the Metropolitan Coal Company has purchased four more MACKS.

Ask Mr. John H. DuMell, General Superintendent. MACK trucks are made in sizes from 1 to 7½ tons Chain and Worm Drive.

MACK MOTOR TRUCK COMPANY

NORMAN H. HALLIDAY, Manager

135 Massachusetts Ave. Cambridge, Mass. Telephone 3600 Central



AUTOMOBILE AND STEAMER RUGS

Also in Carpets, Parls, Tapestries, Hammocks, Tents, Camp, Yachts and Power Boat Rugs. Extra Bed Comforters.

A Big and Attractive Line Fine All-Wool Shawls

Beautifully Made Shawls with Colored Stripes in Blue, Red, Green, Yellow, and White. All-wool—Hand-knotted (Not Machine-Made). All-wool—Hand-knotted (Not Machine-Made). All-wool—Hand-knotted (Not Machine-Made).

MACKINAW ROBES

Hand-knotted—Hand-knotted (Not Machine-Made). Hand-knotted—Hand-knotted (Not Machine-Made). Hand-knotted—Hand-knotted (Not Machine-Made).

THE BECKMAN COMPANY

310 FULTON ROAD, CLEVELAND, OHIO

CADILLAC AUTOMOBILE CO. of Boston.

664 Commonwealth Avenue 73 Lowell Street, Manchester, N. H.

CADILLAC AUTOMOBILE CO. of Boston.

664 Commonwealth Avenue 73 Lowell Street, Manchester, N. H.

USED CARS AND ACCESSORIES

Motorcycles—Horses and Carriages—Musical Instruments and Agents Wanted.

Listed in This Section

Real Estate and Want Ads Section

SUNDAY, SEPTEMBER 26, 1915

Hoglon American

SUNDAY, SEPTEMBER 26, 1915

APARTMENT ADVERTISING

Real Estate and Farm Ads in This Section. Also Houses to Let, Furnished Rooms, Business Opportunities, Agents Wanted and Help Ads.

INCREASED REAL ESTATE ACTIVITY

Brokers Report More Numerous Sales in All Sections of City.

MORTGAGE MARKET ACTIVE

By H. R. SATTEL, Real Estate Editor.

The real estate market, in all its branches, took a decidedly lively turn last week. Residential property in the suburbs, apartment property and subdivisions shared alike in the revival of activity.

South Boston, which lately has been common to the real estate brokers' report, showed particularly active sales. Both the city and suburban sections were active. The number of transactions in the city was about equal to that in the suburbs. The most cases involving parcels of considerable size, however, were in the suburbs. The number of transactions in the city was about equal to that in the suburbs. The most cases involving parcels of considerable size, however, were in the suburbs.

Increase in New England Building

Building operations in New England during the last few months have been unusually active. The total amount of building operations in the region has increased by about 10 per cent over the corresponding period of last year.

N. J. Murphy Sells W. Roxbury Houses

Two-family houses in various parts of the city of Boston, which have been owned by N. J. Murphy, have been sold to W. Roxbury. The houses are located in the city of Boston, and are of the type of two-family houses.

Trade Brookline and Roxbury Estates

A trade involving Brookline and Roxbury estates has been completed. The trade involves the exchange of property between the two areas.

APPLY FOR FREE INFORMATION TO REALTY BUREAU

American's Information Bureau
Answers Realty Inquiries
Without Cost.

Address all questions to the Realty Information Bureau, Boston. The bureau will be glad to furnish information on any real estate matter. The bureau will be glad to furnish information on any real estate matter.

Expert Advice Free on All Real Estate Matters

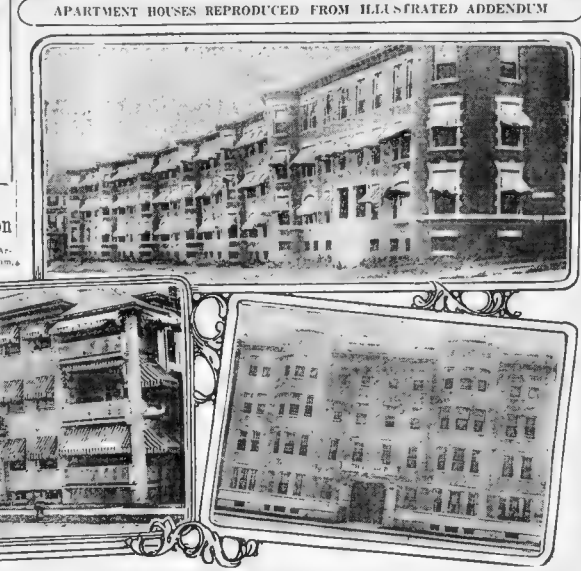
Here is the way to secure information free from the AMERICAN'S experts, regarding all real estate matters.

Report Sale of Four Lots in Arlington

Four lots in Arlington, Mass., were sold by Guy A. Har-

Rentals Stimulated by Renting Guide Booklet Removes Drudgery of Search

APARTMENT HOUSES REPRODUCED FROM ILLUSTRATED ADDENDUM



At the top is the structure at Nos. 56-58 Corey road and 1018 Wellington road. Below (left to right) are shown buildings at Nos. 1446-1448 Commonwealth avenue and No. 617 street.

Announce Opening of Hotel for Women

The Priscilla, a new apartment hotel at No. 307 Huntington avenue, devoted exclusively to women, opens next week. It will be the only apartment hotel in Boston of the kind and will fill a long-felt want.

Lively Demand for Harbor Villa Lots

The H. & M. Land Company reports a lively demand for lots at their Harbor Villa development. The property was formerly owned by the Joseph Kendall estate. Many thousands of dollars were expended in acquiring the grounds and planting the trees of all descriptions.

Apply at Once for Free Copy of American's Guide and Addendum.

With the weather coming in a brand of weather conducive to apartment hunting and with the AMERICAN'S Renting Guide and Illustrated Addendum available to facilitate the search, renting agents succeeded in securing a number of leases last week for apartments in Allston, Brighton, the Back Bay and other sections of the city.

ATTENTION

COMMERCIAL REAL ESTATE, No. 12, New Bedford, Mass.

BACK BAY

COMMERCIAL REAL ESTATE, No. 12, New Bedford, Mass.

BROOKLINE

COMMERCIAL REAL ESTATE, No. 12, New Bedford, Mass.

CAMBRIDGE

COMMERCIAL REAL ESTATE, No. 12, New Bedford, Mass.

CHARLESTOWN

COMMERCIAL REAL ESTATE, No. 12, New Bedford, Mass.

DORCHESTER

COMMERCIAL REAL ESTATE, No. 12, New Bedford, Mass.

ROSLINDALE

COMMERCIAL REAL ESTATE, No. 12, New Bedford, Mass.

WALTHAM

COMMERCIAL REAL ESTATE, No. 12, New Bedford, Mass.

APARTMENT HOUSE in Allston Sold

Henry W. Savage, Inc., report the sale of investment property at No. 1446-1448 Commonwealth avenue, Allston, Mass.

BUYS BROOKLINE LOT.

Henry W. Savage, Inc., report the purchase of a lot in Brookline, Mass. The lot is located in the city of Brookline, and is of the type of lot.

REPORT EVERETT SALE.

The sale is reported of the estate of the late Mr. Everett, located in the city of Everett, Mass.

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COMMERCIAL REAL ESTATE, No. 12, New Bedford, Mass.

WALTHAM

COMMERCIAL REAL ESTATE, No. 12, New Bedford, Mass.

NEW APARTMENT BLOCK ON COMMONWEALTH AVENUE



The apartment house pictured above, located at Nos. 1441-1443 Commonwealth avenue, Brighton, is characteristic of the new type of apartment house. The structure is three stories high, as is practically every other apartment house erected this year in the Allston and Brighton districts.

SHOW TYPE OF HOUSE.

The pictures at the top of the page are reproduced from the Addendum. They give some idea of the type of structure which is listed in the booklet.

OPENS NEW OFFICES.

E. N. Rolland, a Rochester real estate broker, has opened a new office at No. 123 Dudley street, opposite Southwark street, in the new building.

ELEMENTS OF BUILDING CONSTRUCTION

Architect Outlines Elements of Office Building Which Should Be Considered

COST OF UP-KEEP IMPORTANT

By CHARLES A. WHITTIER, Architect.

In a city where the cost of building is so high, it is not surprising that the cost of up-keep is also high. The cost of up-keep is an important factor in the cost of a building. The cost of up-keep is an important factor in the cost of a building.

UP-KEEP COST IMPORTANT.

The cost of up-keep is an important factor in the cost of a building. The cost of up-keep is an important factor in the cost of a building.

BATTERY OF BOLLERS EFFICIENT.

The battery of bollers is an efficient device for the purpose of the building. The battery of bollers is an efficient device for the purpose of the building.

WHINTHROP LOT SOLD.

Whitney and Whittier have sold the lot at No. 123 Dudley street, opposite Southwark street, in the new building.

Real Estate—Miscellaneous. Real Estate—Miscellaneous.

Real Estate—Miscellaneous. Real Estate—Miscellaneous.

Real Estate—Miscellaneous. Real Estate—Miscellaneous.

Real Estate—Miscellaneous.

Real Estate—Cambridge.

OWN YOUR OWN HOME IN WEST ROXBURY OR ROSLINDALE

Put Your Rent In Your Own Pocket.

SEE MURPHY FIRST

WHY WEST ROXBURY?

WHAT HAS MURPHY GOT?

\$1500—West Roxbury

\$6200, W. Roxbury Bargain

\$3800. New Modern House

\$7000. Stucco 2-Apartment

Have You \$2500 to Invest?

NICHOLAS J. MURPHY
1741 Centre St., cor. Manthorne Rd.
WEST ROXBURY

TELEPHONE BELLEVILLE 3-1000

FELLSWAY PARK TERRACE

House Lots \$59 and Upwards

IT PLEASES EVERYBODY—IT WILL PLEASE YOU
Sold on Easy Terms or 15 Per Cent Discount for Cash
A CITY HOME—CONVENIENT TO THE CITY—EASY TO GET TO
BROAD FRONT PORCH—LARGE KITCHEN—BATH—CLOSET
GARDEN—LAWN—FRUIT TREES—COUNTRY HOME IN A
CITY—IDEAL HOME—IDEAL HOME—IDEAL HOME
J. W. WILBUR CO., Inc., 59 State St.
"If you don't buy of us we both lose money"

THE PINES

Camp Lots, \$19 to \$49

Acre Garden, Trees and Children's

Farms

Special Low Prices

See the Pines at

JAMES E. BURKE

Ocean View Lots

Lots \$19 to \$49

See the Pines at

JAMES E. BURKE

HOUSE LOTS

See the Pines at

JAMES E. BURKE

BIG LAND SALE

Oakland

BRIGHTON DISTRICT OF BOSTON

Buy a building site now. Houses

new under construction. Boston

at Brighton. See the Pines at

JAMES E. BURKE

H. S. FROST

DORCHESTER

3-FAMILY \$5600

3-FAMILY \$6500

BUNGALOW FREE

\$5 DOWN, \$5 MONTH

200 Houses and 3 Stores

Bellefleur Court St.

High-Grade Camp and Bungalow SITES

Low Prices. Title Guaranteed. Easy Terms.
In One of the Healthiest Spots in New England
LARGE WATER-FRONT
Boating Bathing Fishing

DON'T FAIL

Free 100

DON'T FAIL

100 Free

HARBOR VILLA

H. S. MOODY LAND CO., 629 Old South Building

WE SELL PLUMBING GOODS DIRECT 2 U

AT WHOLESALE PRICES

BATHROOM OUTFITS \$35 UP

WHY NOT COME IN AND SELECT YOUR OWN PLUMBING SUPPLIES

BOSTON PLUMBING & LIGHTING SUPPLY COMPANY

145-147 PORTLAND STREET BOSTON

TELEPHONE MAY 4106, 4108

Strout's

Wealth of Equipment and Timber.

FOR SALE: This

Wakefield Junction

Wakefield Junction

Wakefield Junction

Wakefield Junction

Wakefield Junction

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Home Builders Real Estate Men and Home Owners

Are You Building or Remodeling a home?

WHY NOT BUY YOUR PLUMBING SUPPLIES DIRECT AT WHOLESALE PRICES?

ESTIMATES GLADLY GIVEN. SEND US YOUR LIST.

Dudley Plumbing & Heating Supply Co.

77 WARREN ST., BOSTON. Tel. ROX. 4970.

HALF MILE FROM BOWDOKE TERMINAL.

FOR SALE

G. H. BENWARE

34 Mansfield St.

EVERETT

LAND SALE

Lead the Simple Life

Make Money on Chickens!

Chicken Farms

\$39 Up

No Down Weekly

No Interest No Foreclosure

J. W. WILBUR CO., Inc., 59 State St.

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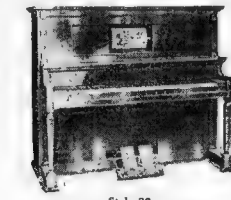
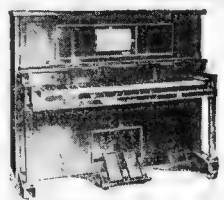
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KAY NIELSEN'S FAIRY PICTURES

REMARKABLE IMAGINATIVE
WORK OF A YOUNG DANISH
ARTIST WHOSE CURIOUS
ORIGINALITY HAS STORMED
THE ART WORLD ABROAD

On this page are reproduced for the first time in America a few of the "Fairy Pictures" of Kay Nielsen, which recently, even in the midst of war, took London by storm when they were exhibited there.

English, French and even German publications with many references to Nielsen's work, and had critics are all fond of discoursing about his original genius.

Nielsen, who is a Dane, is in fact hailed as the most genius of fantasy since Beardsley, and is said to be much greater than Beardsley, not only in depth of feeling and imaginative breadth, but also in his exquisite sense of color.

His pictures are from the illustrations of a series of the North, which he calls "The North of the Sun and West of the Moon." They are fair ideas of the remarkable character of his work.

"The North of the Sun" there is a wonderful grasp of strength and vision. The marriage of "The Mid and the Lavorm," the King's son, who was doomed to be a snake as destroy so many brides before the right one came along, who possessed the

spell to make him shed his early coils, is representative of Nielsen's amazing grotesquerie, while the "Three Princesses of Whiteland," who stood in the ground up to their necks waiting their deliverer, illustrates his delicacy of line and witchery of color.

These pictures show, as all Nielsen's previous work has done, how well he deserves to be styled an artist of emotions. Wonder, pity, terror, love, horror, amazement, misery, happiness—every feeling of which the human heart is capable, is adequately portrayed by the strangely severe lines of his pencil.

While Nielsen's work recalls that of Beardsley

by its enormously decorative yet grotesque qualities, it possesses a great deal more romance and feeling. The Danish artist is also capable of expressing a far greater variety of moods than Beardsley.

The forms Nielsen draws are conventional, curious, strange, often grotesque, and yet they are frequently full of human interest. His work shows the same ability which the ancient Assyrian sculptors possessed of making the most conventional figures of strongly emotional significance.



A Detail.



"The North Wind Goes Over the Sea."

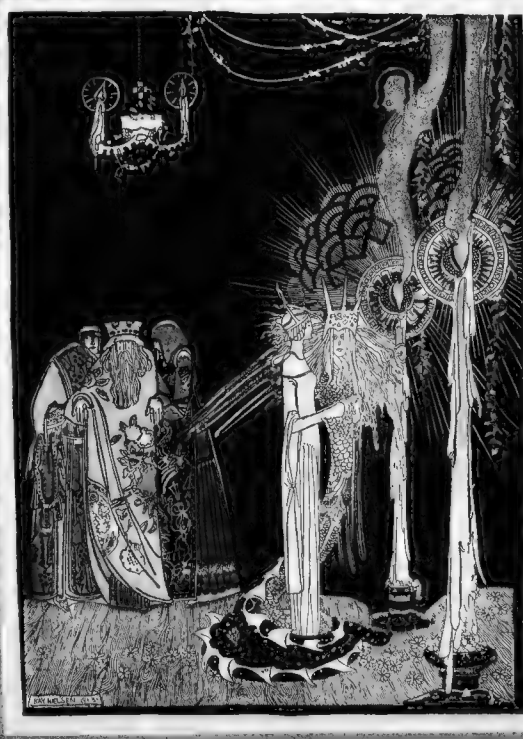
A Remarkable Example of Nielsen's Portrayal of Motion.

The Maiden Who Married the Lindworm.



The Princess with Goat's Feet.

The Three Princesses of Whiteland, "standing in the Earth Up to Their Necks."



NEW DISCOVERIES ALL OVER THE EARTH

The New Way of BURNING GAS WITHOUT FLAME or SMOKE

By Professor A. L. HODGES.

COMBUSTION without flame has become not only a fact but a practical fact. By numerous experiments Professor Bode of Leeds University, England, and others have demonstrated that the thing can be made available to everyone. All that is needed is a little more development to put a flameless furnace or stove in every household.

A flameless stove will consume only a fraction of the gas that a flame stove does and will give the same results. And give them too without smoke or trouble. In the new flameless, smokeless stoves and furnaces gas is passed through a porous membrane of clay and ignited as it issues from the surface. Air is then added gradually until a fairly aerated mixture is obtained. The flame soon becomes incandescent and diminishes to air, a moment later, it retreats to the surface of the clay, which at once assumes a bluish appearance. Soon, however, the granules at the surface attain an incipient red heat, producing a curious mottled effect; and, finally, the whole of the surface of granules becomes red hot and an accelerated "flameless combustion" comes into play.

All signs of flame disappear, and there remains an intensely glowing surface—a veritable wall of fire but without flame—throwing out a radiant heat which can steadily be maintained as long as required.

To understand exactly what this new discovery means, a word or two must be said about the ordinary flame combustion. Where a match is struck the oxygen of the air has to be near at hand to combine with the sulphur and other materials of the match in order for

An Important Scientific Discovery That Promises to REDUCE OUR FUEL BILLS and Give Us BETTER HEAT

to burn and give out heat. This necessitates that the match be struck in the open air or in some place containing oxygen.

It is supposed that we want to heat something with gas—what is necessary? Why the match has to be struck in the open air, and, of course, then a fresh supply of gas must be constantly available and supplied. And when the match is struck, the gas is already heated, but the gas is not yet burned. The gas, must be driven off but it is driven off while it is still hot and so nearly all of its heat is lost to the consumer.

Presently the same thing happens in an ordinary coal stove or gas stove. Most of the heat disappears up the flue and is no longer available to cook with or to heat a room.

If it were possible to let the heat be constantly evolved without the need of removal of the burnt gas, or the constant supply of oxygen (which cools the burners to a great extent) a much more efficient flame or heat would result. And this is the very thing that science has now brought about.

Let us take a porous membrane that will not burn—such as fine clay or some such substance. If this be worked up into a spongy mass with holes in it, a mixture of gas and air may be forced, by pressure, through these little holes and ignited on the other side. As the air is already mixed with the gas, no need is there of a separate supply of air. It has been found possible to burn it in this manner in an atmosphere of steam itself with no air at all on the other side.

Old Methods Waste Heat.

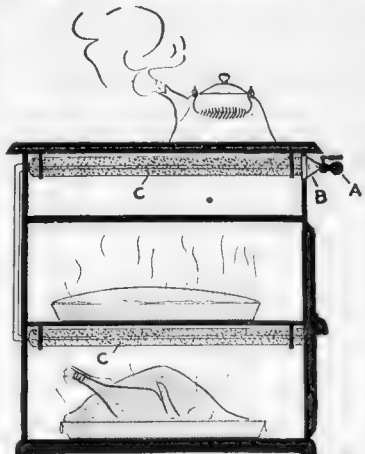
But there is one thing whereby a flame loses heat. An ordinary luminous flame contains many particles of carbon and other combustible substances which do not burn at all and which go away as smoke. All this stuff is good burning material and should be utilized. Its waste is an actual loss of energy.

A blue flame (incandescence) has heretofore been the most efficient for it contains very few of these particles. In fact, the blue flame is what a householder must always try to get on his gas stove. If he is getting a yellow flame he is paying far more than he ought, and the thing ought to be investigated right away. The blue, transparent flame is the most efficient and the hottest obtainable in the present gas stove, and if one cannot get it on his stove, he should certainly call in an expert on the gas company.

If, however, this is not convenient the thing can

The New Flameless, Smokeless Stove in Which Gas is Burned with Almost No Waste of Energy.

A—Gas Supply Pipe.
B—Chamber in Which the Gas Gas is Mixed with a Sufficient Amount of Air for Proper Combustion.
C—Section of a Porous Clay, When the Proper Mixture of Gas and Air is Introduced into These the Ignition of the Gas Produces in the Clay a Red Hot Incandescence Without Smoke or Flame.



be remedied by means of the rotating ring around the burner. It will be noticed that there is a space in this ring which can be made larger or smaller at will. If the space be yellow it shows that there is too much gas, and if it is blue it shows that there is too much air. The mixture and so more air should be added. This can only be done by making this space larger by turning the ring slightly in the proper direction. A few seconds will determine the proper amount.

One other thing that can be wrong with a gas stove is that sometimes when it is lighted it puffs and goes out. This is because there is too much air at the time of lighting. Now this may be caused by one of two things, or both.

If the ring is so open that an excessive amount of air is let in, the gas and air mixture explodes as soon as time new gas arrives the burner and goes out. It is so cold that the mixture will not burn. On the other hand, if the ring is so closed that there is not enough of the mixture and the same thing will happen.

So the thing to do always in lighting a gas stove is to let the gas run for about twenty seconds, before applying the match. If the burner goes out, the gas must be turned on that it let in less air.

To get back to our flameless combustion, the stopcock, by means of which the mixture of gas and air is turned on, is regulated to such a pressure that the mixture is supplied through the membrane of porous clay at such a rate so that it can burn easily, but not in flame. The consequence is that the outside surface of the porous clay simply becomes red-hot and stays that way—there is no flame and no smoke, and the incandescence may be used as a fire. But it may be used in almost any position, which a fire cannot be.

There are several substances that must be evaporated from the top instead of from the bottom, but before an ordinary fire had to be placed at the bottom of anything it was designed to heat. But this plate of red-hot clay may be placed just above the surface of the substance so that it may be evaporated in the desired manner.

Another advantage is that the fire will burn in any position, and is so convenient and a gas stove is almost any position, which a fire cannot be.

supporting substance. Such a gas as nitrogen, for instance, or water vapor, neither of which supports combustion or burns itself, can be all around the red-hot clay plate and not injure its action.

Another ingenious device is the air that is to be mixed with the gas before the mixture is ignited. When a fire burns, the hotter it is before it ignites the more heat it has available as energy for it takes less of the generated heat to heat the mixture beyond the temperature of ignition. So if the mixture is heated to a good degree before it is mixed with the gas, much more heat is obtained than usual when the mixture is finally ignited.

This object is accomplished in the flameless combustion furnace by allowing the hot products of combustion—the burnt gas—is heated beyond the temperature of the water, which is connected with the outside air. So as the outside air is drawn through this tube on its way to the combustion

chamber it is heated by the burnt gas it is on the outside of the tube. All this makes the new flameless furnace a very efficient thing indeed, compared to its predecessor used to-day.

Professor Ellis in the Smithsonian Institution has made an experimental test-tube boiler evolved for study.

"The ratio between the heat transmitted to the water and the heat of combustion of the burnt gas in the boiler was ninety-four per cent; that is over ninety per cent of the heat generated was utilized." It can be seen what an enormous advance this is over an ordinary steam engine, for instance, wherein only from ten to fifteen per cent of the heat of the coal finally gets to mechanical motion.

It was found also that in an analysis of the burnt gases no combustible gas was found at all—which means that there was absolutely no waste in this direction. This is the same problem spoken about above in the luminous flame, where many carbon particles got away without being burned up and with, of course, a great deal of heat lost. In the new method analysis showed a loss even a trace of combustible gas left.

This may be understood better by considering a railway locomotive under forced draft. Many engines are run on the smokestack along with the rapid passing of smoke, but they could have been burned and could have furnished heat. The locomotive is a very inefficient engine and sacrifices efficiency, of course, to avoid and

There does not seem to be any good reason why this principle should not be immediately applied to house-heating. It has already been applied to factories with very gratifying results. A plant in England has been built on the new principle, capable of evaporating five thousand pounds of water per hour.

The New Idea in Actual Use.

"The boiler in this plant," says Mr. Ellis, "is a cylindrical drum ten feet in diameter and only four feet from front to back. It is traversed by ten tubes, 110 tubes of one inch internal diameter, packed with fragments of brick. It is worked under the action of a fan.

To the front is attached a vertical delivery pipe and at two inches water gauge pressure from a suitable feeding chamber, together with a proportion of air from outside atmosphere is drawn through the action of the fan through a short vertical tube into each of the ten tubes of the boiler, where it is burned without flame, in contact with the incandescent granular material.

"The products of combustion, having traversed the front end of each tube, pass outwards to a spiral chamber at the back of the boiler and thence through a duct to the tubular feedwater heater. A fan connected to the feedwater heater removes the cooled products and discharges them through a short duct to the atmosphere outside the boiler.

"In construction nothing could be simpler or more compact than a cylindrical shell only four feet long by ten feet in diameter, supported on a casting and requiring neither elaborate brickwork setting nor chimney. Smokestacks, as every factory owner knows, cost a great deal.

"The boiler has the further structural advantage over all other tubular boilers, that the front plate can never be heated beyond the temperature of the water, however much the firing may be forced. This circumstance, coupled with the extremely short length of the tubes, implies an absence of strain and greatly reduces the risk of leaky joints."

How SPIDERS HELP TREES GROW

HOW do trees manage to grow and attain considerable size on apparently barren rocky cliffs, where water would naturally seem to be impossible for them to find nourishment?

In the first place many of these rocky cliffs are not so smooth and barren as they appear to be. Great cracks and gullies are often quite abundant, and in every possible crevice or depression, where moisture lingers a little longer than on the more exposed surface, there is a mold or moss constantly growing. This, combined with the rough, sandy surface of such crevices, catches and holds the dust and particles of decayed vegetation deposited by the wind. The roots of any grass seed which may have been deposited in the light soil by the wind or birds help to hold more soil in place.

Naturally the light forms of vegetation frequently die on account of lack of soil and moisture. Their decay is the cause of a little more earth being formed, and this being

carried deep into the cracks of the rock by the moisture and coming in contact with the particles of soil which is so near by from the rocks and crevices, it is a soil depression, and in a soil being formed.

Very frequently spiders build their webs over the face of such rocky water, especially where there are depressions, which are apt to contain enough moisture to allow certain forms of vegetable life to start. These little plants attract insects, upon which the spider preys to feed. The spider's web also serves to catch particles of earth and moisture and holding them until deposited deep in the crevices.

Seeds of various trees are carried to these places by birds, and now and then one is buried deep enough to find earth and moisture sufficient to start it growing. The roots of the tree will hold the soil, and the decaying vegetation will be deposited in a place of soil, and the growth is aided by the shade of the growing tree.

In very unlikely locations are

found trees which are of such size as to be valuable, and each year conditions grow better for them to arrive fully grown. Some rocks are composed of lime to such an extent that they will produce a soil in which trees can live.

Roots will penetrate deep into the rocks and hold fast where it would look to the ordinary observer as if there was no chance at all to secure a hold sufficient to prevent the wind from sweeping the tree from the face of the steep cliff. Roots will actually split the rocks and make for themselves openings which will catch moisture and the increasing soil.

In some places where a covering of soil has hidden the face of rocks under has been removed and exposed, making excellent pasture. Experience has taught, however, that it is unsafe to attempt to cut down a piece of land, even if the soil is found to be deeper than the place would give, for heavy rains will wash the soil and growing crops away.

ANTS KEEP COWS That Give VERY GOOD MILK

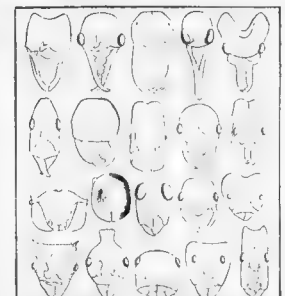
DOWN underground lives that most wonderful of all the insect creatures of the earth—the ant. In the same great house of a hundred rooms live the soldier ants with their wonderful paws for fighting and the places that do all the work, and, of course, all the cows that the ants milk daily.

It is a great house in which the ants live. It is much larger than the buildings erected by men—that is, when you compare the size of the ants with that of men. There are great halls and many rooms. The busy little ants that work so industriously all day live in some of the rooms and in others they store their eggs. In still other chambers they store a vast quantity of food during the long winter months. And for that some of the ants may go to grow little white plants and no longer be good for food the industrious ants take them to the surface and feed them in the sun, and then carry them back to their warehouses once more.

At night, when the sun is setting and the day's labor is over, the last ants coming through the main doorway into the big underground corridor carefully close up the entrance. They place a few sentries to watch for signs of danger while the ants are sleeping through the night. And now behold the enemy who dares encroach upon their homes. For the big-headed soldier ants occur forth at first indication of danger and give battle in a serious manner.

And now about the cows the ants keep. The ants watch over the eggs from which the cows are hatched and guard them just as carefully as they do their own eggs. Whenever an ant's nest is overturned accidentally by a spade or any other thing, the ants immediately carry the eggs back into the wrecked place the myriads of little white eggs that are always found in ant nests. There are both ant eggs and the eggs of their cows. The ants are so busy that they are always busy with their eggs and save them first. They pick up both kinds and bear them to safety in the darkness, for light will destroy them.

Of course, the cows the ants keep are not like our



Heads of Some of the Many Varieties of Ants, Showing the Feelers Used to Let the "Cows" Know When It Is Milking Time.

cows. They are only very little insects like moss ants. And their milk isn't like the milk we get from our dairyman, but the ants like it very well. These little cows, which are called aphids, seem to like to be milked, too, and they are perfectly content to live with the ants and to be produced from them.

The way the ants let the cows know when milking time has arrived is by rubbing the cows. The ant strokes the cow with the two little feelers that stand out in front of the head. These feelers, called antennae, are what the ants use to feel things. They will rub the cow with a friendly ant for a long time and rub these feelers over the other ant, and by so doing

wonderful sense will recognize him as an old acquaintance. And when the one play assumes dominance, as they frequently do, they use these feelers to tell them a lot of things. Maybe they are like fingers and eyes and ears, and nose, all put together.

Anyway it is in rubbing these feelers on the cow that the aphid knows milking time has come. In a moment there is a nice drop of sweet milk given up by the cow and the ant drinks it greedily. So it isn't to be wondered at that ants love such good cows of their cows, when the cows are so willing to supply the ant colony with milk whenever milking time comes. And it isn't to be wondered at that the ants are so fond of the cows, for as they are by these little feelers they can tell the cows when they are hungry and they are busy all day long, working, storing up food and attending to their business with incredible intelligence.

The eye is a queer instrument. When we see something it will stay as though it were still there for two-fortieths of a second, and will fade away gradually for two-fortieths of a second more. Now, if something happens which takes less than two-fortieths of a second we don't see it at all. This fact explains slight-of-hand

Just Why the SKY IS BLUE

IF the earth had no atmosphere, like the moon, which is a dead planet, the sky that medium, in the other hand, the blue sky that we see, it would look black. The question naturally arises, "Why should the sky not appear to us as red or yellow, or any just blue?"

An English scientist, Prof. Rayleigh, has formulated the following theory to explain why the sky is blue. Our atmosphere is filled with an incalculable number of atoms, or particles of dust. The light from the sun, which travels in waves, has its way in and among those trillions of wandering dust particles.

Strangely, what appears white to the naked eye, is in reality made up of many different colored lights, and these different colors travel in waves of different lengths. The blue light waves being much shorter than the red light waves. It is quite evident that the shorter rays will collide many more times with the dust particles in the air than do the red rays; an obvious consequence their onward motion is much more retarded.

Light passing through a medium, which is not clear—like the air, for instance—will emerge as reddish, because the blue

rays have been weakened in passing through that medium. In the other hand, the blue rays, having been scattered to and fro between the many particles of air, will be more plentifully reflected by an unclear medium, and as the sky is nothing but a reflection of the sun's light, the unscattered dust particles the heavens naturally appear blue to us.

This theory also explains the reddish glow at dawn and at sunset. At these times of the day the light has to travel a long, devious path before it strikes the retina of our eyes. The blue rays are almost extinguished before the light gets to us, and the coloring of the sky is therefore red.

Professor Rayleigh calculates that under given conditions a dark body will reflect blue light thirteen times as well as red light. The most favorable condition for the reflection of blue light exists when the particles that reflect it are extremely small. If these particles are sized, red light is reflected along with the blue.

Nature has a thin atmosphere—much thinner than ours. The inhabitants of Mars—if they ever existed—looked a violet-blue, and a deep indigo blue sky.

TEST YOUR EYES by Watching the MOVIES

TO most people motion pictures now roll smoothly on the screen. There is little of the "jerkings" or flashing which used to mar the picture even of two years ago. But there are a few people who are the motion picture jerks from one picture to another all the time. They are the ones that could be called quack-eyed, for it means that their sight is a twentieth of a second quicker than the neighbors'. This may not seem much, but it means everything in motion pictures.

The eye is a queer instrument. When we see something it will stay as though it were still there for two-fortieths of a second, and will fade away gradually for two-fortieths of a second more. Now, if something happens which takes less than two-fortieths of a second we don't see it at all. This fact explains slight-of-hand

tricks—"the quivering of the hand deceives the eye," as the magicians say.

In the motion picture it's the quickness of the projecting machine that deceives the eye. Between each picture there's a strip of dark film—black, in fact. We never see it; at least, not as there, and another picture comes as the first is fading.

Owing to the fact that all the stationary parts of the picture have not changed, the new one fits exactly over the old. The slight change,

perhaps in the position of the actor, is made all the more illusive because in the fourth-fortieth of a second before the second picture changes the eye has still a faint remembrance of the first picture. The third comes on before the second has faded away entirely, and so on.

So motion pictures form an almost absolute standard for one's sight. If they seem to run smoothly your eye is all right. If they jerk, they're too quick. If the pictures drag, so that you seem to see the one before as well as the one on the screen, your eyes are too slow; possibly over-sensitive.

It is a marvelous example of how much we are all made alike, even to the smallest detail. The eyes of the different races of men and pictures can depend absolutely on this one-fortieth of a second in the average human sight.

Strictly Made- in-America Romance of Plucky Miss Claflin

**Very Refreshing and Unusual
Real Love Match Between Two
Young Members of Fashionable
Society (Not Remarkable for
Love Matches) That Has
Survived at Last Even the Loss
of Two Family Fortunes**

If his parents were rich, and her parents still richer; and if they had been playmates from childhood, and this companionship developed naturally into love on both sides so that both looked forward to marriage with the cheerful consent of both sets of parents—

Then, if his parents lost the bulk of their fortune and her prudent parents rushed her off to Europe in search of a "better match;" and if her parents presently lost the bulk of their fortune and his prudent parents urged him to forget her and pick out a "safety first" heiress for a bride; and if each of them dis-

covered no lack of "eligible opportunities"—

Yet it both he and she, in their comparative poverty, continued blind and deaf to the obvious eligible opportunities; and if, finally, they vowed to marry each other, poverty or no poverty, and the auspicious day was set, and both pairs of parents bestowed their blessing—

Now, wouldn't you call that a good, old-fashioned, strictly made-in-America romance? And it has all actually happened—

to Miss Beatrice Claflin and Robert Breeze, of New York, Newport, Southampton, L. I., and erstwhile of "Easy street."

Seldom, indeed, does a girl so beautiful as Miss Beatrice Claflin and of such social prominence decide to marry just "for love" a man whose good looks are his fortune. Seldom, indeed, does so popular a youth as Robert Breeze decide to marry just "for love" the girl of his boyhood dreams, after one girl has lost a really large fortune. Is it any wonder, therefore, that Newport and Southampton, where the young people are well known, are all agog with interest over this delightful made-in-America romance?

In this romance figure foreign noblemen who yearned to wed the beautiful Miss Claflin, and charming French and English beauties who made a hero of "Bobby" Breeze this summer when he served in a French ambulance corps.

It all began so long ago! Fifteen years or more ago the Arthur B. Claflin built himself a beautiful Summer home at Southampton, Long Island. The Winter home was at Lakewood, N. J. Their one child, Beatrice, was not strong and they had to live away from the city. Mr. Claflin was the younger son of H. B. Claflin, one of New York's earliest merchant princes, and in a brother of John B. Claflin, formerly one of our multimillionaires. Mrs. Claflin was Miss Minnie Alexander, a sister of A. A. Alexander, the artist. In Lakewood the Claflins were the leading residents; they were very public-spirited and did much for the town. Little Beatrice, although growing up in an atmosphere of wealth, was taught that wealth had its responsibilities and also that there was much in life that money could not buy.

When the Claflins first joined the Southampton colony they found the James Laurence Breezes there before them. Mr. Breeze was an intimate friend of the late Stanford White and was a man of wealth, high social stand-

ing and a most rare artistic ability. His Southampton home was and still is a veritable museum of wonderful things collected by Mr. White and himself during their years of friendship. The Breezes were to Southampton what the Claflins were to Lakewood—"first citizens" and general mentors.

The children, of course, knew nothing of all this. The four or five Breeze youngsters took the little Claflin heiress into their fold, and right there began the love story of Bobby and Beatrice. In the beginning they played together, patting oil in the most natural way. Later they danced together, and still later they swam, motored, hunted, golfed and flirted together. He was a set of persons looked on the growing romance with high favor.

And then it came to pass that the Breezes lost a large part of their wealth and the Claflins lost heavily in the John B. Claflin scandal smash-up three years ago, and everything changed for the young lovers. The parents of both urged them to give up each other and marry for wealth.

Miss Claflin was taken abroad and Bobbie Breeze took a job in Wall street. In Europe the Claflins were eagerly welcomed. They were by no means strangers in exclusive circles in London and Paris, for Miss Claflin's beauty had created a sensation over there when she was a debutante. She had been presented at court in London—in fact, was the American beauty and belle of that season. Among the men who had admired and courted her were two sets of brothers, the Grenfell twins and the Bercford "boys." This all happened eight years ago. The handsome and popular Grenfell twins were killed in action last Spring, and shortly after, finding Miss Claflin cold to his advances, the senior Bercford, now Lord Decies, fell in love with and married Miss Vivien Gould.

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PHOTO BY
CAMBELL STUDIO, N. Y.

Miss Beatrice Claflin, Who Has Picked Her Old American Sweetheart and Rejected, Finally, Titles and Wealth.

In France a noble duke, the debonair de Richelieu, and half a dozen counts had besieged the fair American, but they, too, went into the discard. What chance had they against the like-minded American youth, whose dancing talents were just then adding to his popularity? When the crash came, it was natural, "perhaps," that Miss Claflin's parents should desire a wealthy husband for their daughter. They recalled her former triumphs in Europe, but, realizing that foreign noblemen seek only American dollars, not hearts, they did not take her abroad again to win a husband, but to forget her lover. Then, they reasoned, with Bobbie forgotten, it would be easy to persuade Beatrice to accept one of the several home-bred millionaires who had hovered about her since her debut.

However, in these days Miss Claflin was a great heiress and Breeze had an assured income. Therefore their love met with no great obstacles. But when times changed, was it not natural that Mr. and Mrs. Claflin should look back and recall with pleasure young Gould's devotion? Parents usually wish to see their daughters protected from the hardships of poverty. This is a deeply ingrained and perfectly natural trait in parents, and in mothers particularly!

Hence the trip to Europe for change of scene as a first aid to forgetting. They rented their beautiful Lakewood place and sought distraction abroad. Then war broke out and Miss Claflin wanted to go as a nurse, but this her parents absolutely refused to permit.

"Then, if I can not do that," she retorted, "I shall return to America and marry Bobbie!"

In the end the parents consented to return to this country; indeed, they were glad to for it now seemed the right moment for the renewal of young Mr. Gould's suit.

In the meantime the devoted Bobbie had not been idle. He tried his best to make money, but there were few fortunes to be made at that time in Wall street. He did not try to forget his sweetheart, he knew perfectly well that nothing would change either one of them. He was not afraid of the effect of the trip abroad any more than Miss

Lucky Mr. Breeze Skating with Miss Claflin.

Claflin was! Letters passed between them as regularly as was possible under the chaotic war conditions, but finally the separation got on his nerves. He would go to Europe, too. The day after he received a long letter from his distant sweetheart in which she told him she wanted to join a nursing unit in France young Breeze gave up his Wall street job and enlisted in the American ambulance corps.

He joined a unit then about ready to leave for France, and the steamer that carried him toward Paris and his sweetheart passed the steamer bringing his sweetheart to New York, and, as he thought, to him.

This was eight or nine months ago. Miss Claflin wanted to return to Paris, but again her parents refused, and then for a few weeks left her to Mrs. Tony Drexel's capable hands. Mrs. Drexel, who was Marjory Gould, has been as anxious as her brother Kingston to bring her lifelong friend into the Gould family. Beatrice, it will be recalled, was one of Marjory's bridesmaids, and would have been one of Vivien Gould's, but fate, in the form of scarlet fever, interfered.

Mrs. Drexel, as always, did her best to further her brother's love affair, but nothing availed against the man who was now not only a lover, but of her! His few and infrequent but ardent letters told of dangers undreamed of; of hun-dreds of wounded soldiers being cared for by his unit, and finally, of personal praise bestowed on him by General French himself. Even Miss Claflin's parents realized that they could do nothing. The war was turning their little battle into a perfect rout. And so they surrendered, and the day came when Miss Claflin called her lover to return for the wedding! He returned a few weeks ago and hurried to Southampton where his fiancee and her parents were spending the Summer. The engagement was announced, and now the wedding follows close on its heels.



Miss Claflin Picked as "Artemis" and Above Her the Windmill That She Made Into a Beautiful Little Home.

PHOTO BY
ARNE DUPONT

Constantinople Fears The First Circus Girl Empress's

Prophecy Is To Be Fulfilled

The Bomb of an English Airman Breaks the Effigy of the Great Theodora in Justinian's Ruined Palace and Gives New Life to a Strange Legend of One of History's Most Picturesque Women



A Mosaic of the Empress Theodora in the Church of St. Vitellius, Ravenna. Supposed to Be an Authentic Portrait.



The Ruins of Justinian's and Theodora's Palace on the Sea of Marmara.

Constantinople, Aug. 27. HEN Lieutenant Sidney D. Hancock, flying over the Turkish defenses of the Dardanelles recently, dropped a shell on the Hymeneal Palace of Justinian, where he buried the Empress Theodora, a shiver went over Turkey. For over the empire of the Crescent hangs the prophecy of the famous Queen:

"When the fires of my faith come crashing they shall know not, and move me from my bed."

To the English lines he leaked the story from the Turks that the English aviator's bomb fell near the foot of Theodora's tomb, breaking the effigy in half, so that the splendid woman now sits half upright, staring with sightless eyes for the coming of the Christians—not her faith.

The Palace of joy, in which Theodora lived for almost three centuries, she was a goddess in manipulating the passage of the law which enabled Justinian to rule by and make her empire, was built at her request. A native of Cyprus, that island of olive groves, she lived in the blue waters of the Mediterranean. Theodora lived in the Palace of joy, in which Theodora lived for almost three centuries, she was a goddess in manipulating the passage of the law which enabled Justinian to rule by and make her empire, was built at her request. A native of Cyprus, that island of olive groves, she lived in the blue waters of the Mediterranean.

Then the former circus girl thought of her past life, and she lived in the Palace of joy, in which Theodora lived for almost three centuries, she was a goddess in manipulating the passage of the law which enabled Justinian to rule by and make her empire, was built at her request. A native of Cyprus, that island of olive groves, she lived in the blue waters of the Mediterranean.

Justinian, the Great Emperor, who warned the Circus Girl, preparing his famous Code of Law with his advisors.

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The Empress Theodora—From the Painting by Consdani.

life that over thirteen hundred years after she has passed away her memory should still be powerful. History records no stranger life than hers, raised from a rickety clown to the throne of the Byzantine Empire, the ancient mistress of the world. So marvellous was her personal force, so unbridled her passions and so vindictive was her revenge that Procopius of Caesarea, her backstairs biographer, declares that she was a demon rather than Queen.

There is a shuddering horror in that medieval Greek tale of Procopius called "Anecdotes," which bears out the general belief of her time that there was something inhuman in Theodora. No student of Byzantine history can fail to note the fear of her that swayed the mind of her husband, Justinian, the Great Emperor, who warned the Circus Girl, preparing his famous Code of Law with his advisors.

Justinian, the Great Emperor, who warned the Circus Girl, preparing his famous Code of Law with his advisors.

In sports was the menace of the Byzantine Empire. Kings were made and unmade, Popes averted and expelled by the influence of a "blue" or "green" favorite of the circus. Theodora's father was a green.

As soon as he died, Accus's widow hastily married another animal trainer, so as to keep the circus position in the family. But a new circus came to Constantinople, and when Theodora's mother perished, she was informed that the post was already awarded. Accordingly, at the next exhibition the widow paraded in front of the grand stand with her three daughters, aged thirteen, eleven and five years, behind her, the girls wearing the minimum of clothing prescribed by the somewhat lax rules of the circus.

The elder sister at once was given by the "blue" a small part in the pantomime, and before she was fourteen her support was assured by admirers. Theodora, after only a few months as an assistant to her sister, branched out for herself. She became a butterfly, or clown, her extreme youth exciting more audacious performances than even that loose time would usually tolerate. Even her worst enemies admitted that she was scorchingly funny and her unbridled coarseness was forgiven for this reason.

At the age of seventeen she declared that she was tired of the life of Constantinople and accompanied Probus, Governor of the province of Ethiopia, to his capital. There she remained for three years, when he dismissed her, loaded with jewels. His accusation was that she was too "fire-hot in soul to be only a woman."

Probus believed her to be a mere pander.

Theodora returned home by easy stages, travelling through Asia Minor and making requests wherever she went. With a lot of returned to Constantinople she was twenty-two years old, possessed of great riches and at the height of her attractions.

Procopius, who has no words vile enough by which to call her,

cannot help but praise her beauty. He has a little slur at her by saying that she looked unhealthy, but admits that her marvellous eyes haunted a man forever if he had kept them close to him only once. "Eyes that eat up the face," he called them. She was small, dark, and radiated femininity like a April. The only remarkable picture of her, a mosaic in the church of St. Vitellius, Ravenna, does not show her to be so beautiful, according to modern standards, but it must be remembered that mosaic does not lend itself to portraiture.

When she returned to Constantinople, Theodora sent for Belisarius, the commander-in-chief, whom she had met in Asia. The great general came on the instant—as did every man to whom Theodora called—and the old friendship was renewed. Through Belisarius, Theodora met Justinian, the Emperor. To meet Theodora was to become enamored. Two weeks later the circus girl took up her residence in the imperial palace. A friend of Theodora named Antonia was introduced to Belisarius to compensate him for his loss, and she made the famous general a faithful and devoted wife.

Although Justinian was so seriously sick and unimpaired a man that it was a common saying that he had "misered youth on the way to husband," the lure of Theodora held him fast. From the day that she set foot in the palace the same chain of strain and demonic events began which had haunted Belisarius. The cords tightened closer and closer around Justinian. But there could be no marriage, for the law forbade any one of noble birth, or holding exalted rank, to marry a woman of lowly birth.

Theodora persuaded first the emperor, then the leaders of the Senate, that she was a woman of noble birth, and that she was a woman of noble birth.

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With the reins of power in her hand, Theodora showed true greatness. Though her enemies might plot against her, the Empress always was the stronger. Her knowledge seemed nothing less than supernatural. Scores of people declared that they had seen a familiar spirit at her elbow. It was known that Justinian was continually haunted by a shadowy creature. Night after night he paced the imperial palace, by haunted by a shadowy creature. Night after night he paced the imperial palace, by haunted by a shadowy creature. Night after night he paced the imperial palace, by haunted by a shadowy creature.

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War Drives An Army of the World's Most Skillful Criminals to America

**Detective Val O'Farrell Points Out That the
Recent Great Jewel Robberies Are
Our First Warning That the
Cleverest International
Criminals Are Here
to Fatten Themselves
on American Wealth**



Illustration of a woman in a crown and jewelry, and a globe with an arrow pointing to America.

Ionable Summer resorts, where they have improved the opportunity to meet people who will prove easy victims this season. WASHINGTON the foreign criminals I have met recently is a Frenchman who came here ostensibly as an emissary of the French Government

[illegible]

By Val O'Farrell,
The Famous New York Detective.

Why all these precautions? True enough, the Express Company which

This condition of affairs didn't suit the aristocratic criminals of Europe at all. These gentlemen only turn off about one job a year, sometimes not that. It is sometimes necessary for them to look up to the law.

The jewels were stolen from a jewelry box in Mrs. Altrich's bedroom while she slept. Not a single clue was left to work on. The fact that the jewels have not yet been found in the pawnshops or professional fences, al-

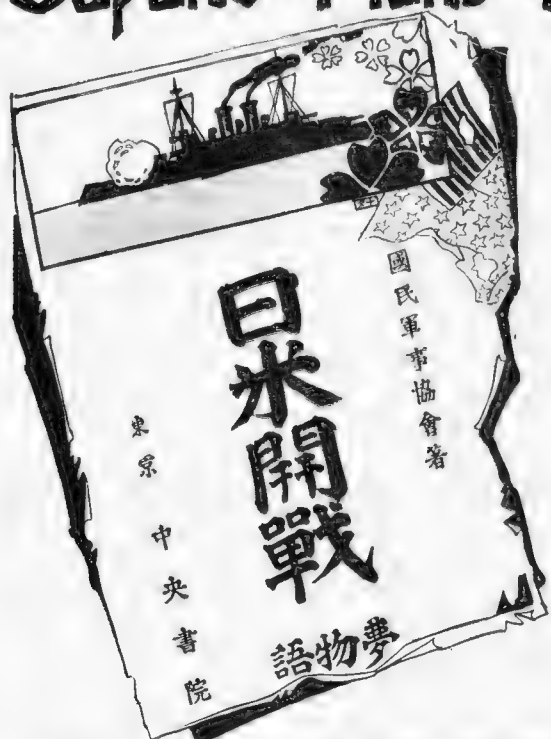
This crook is an Englishman. He has been identified with some of the biggest bank-break jobs ever perpetrated in Europe, but somehow he has always escaped conviction. He is a handsome fellow, well read, and perfectly mannered. He changes his

Through my connections with New York's underworld I have come in contact during the past few months with no less than fourteen crooks of more or less note. Most of them spent part of the year at White Sulphur Springs.

war started, and they will be deported under the immigration laws, but many, unfortunately, will escape the clutches of the law. For that reason, I am afraid we are in for an epidemic of crimes, and only the greatest vigilance on the part of householders and police can avail to

Japan Plans to Conquer the U.S.

The First Presentation to the American Public of a Highly Significant National Defense Association), Which Tells Why the Japanese This First Instalment Deals With Japan's Opinion of Our



The Title Page of the Japanese "Bernhardt." Showing a Triumphant Japanese "Dreadnaught" and a Torn and Reversed American Flag. The Middle Large Text Reads, "The War Between Japan and America."

THE hearts of sixty million Japanese, all loyal subjects of H. I. M. the Emperor, are aflame with courage, and eager as the great winds that blow from the skies to begin a war against the United States that shall prove to the boastful Americans that the Japanese people do not know defeat and that their soldiers are invincible!

Scarcely thirty years ago we vanquished the Chinese troops, and the whole world knows of our defeat of the great Russian armies in 1904-5.

And now we are still stronger! We have profited by the lessons that we learned in Manchuria, and we easily conquer the very bad troops that the Americans have.

The question then follows, Why should we go to war with the United States? There are two reasons.

First—Because of the absolute inhumanity of the United States toward Japan is practically prohibiting Japanese immigration; and second—The palpable and glaring injustice of such legislation against the Japanese. The United States differentiate deliberately between us and Chinese, who are of much lower standing and education.

The problem of California is so much in the minds of the Japanese at present, and also in view of the fact that we intend to colonize it shortly, that we give its description.

California—a State in the United States—is on the edge of the Pacific Ocean, latitude 33° 10' to 42° it stretches generally from N.W. to S.E. and is eight hundred miles long. Therefore it is comparatively a small place when Canada is compared to it. On California's frontiers are two other States, whose value is very small, viz.: Nevada and Arizona. (But nevertheless we intend to impress our influence on them, as we know how to cultivate land, whereas the Americans do not.)

On the north California is side by side with another small State—Oregon—and it is bounded on the south by the territory of our great and powerful ally—Mexico—who will help us against the United States when the time comes.

Japan Plans to Destroy Canal

The climate of California takes a middle course, being neither too hot nor excessively cold. Therefore California has really four seasons when needs of all kinds—also fruits—may be planted with the knowledge that they will prosper. Americans have very properly called the State of California the most beautiful on earth, and we will make it still more beautiful. The earth of California is so rich that we, in our thrifty way, can make an immense amount of money there. The air is salubrious, and the cost of living so small that we can in twenty years pay off the whole of the debt of the United States! We will, of course, have only trained men (soldiers) no out-dressed as workmen and even rich merchants. They will slowly be reinforced, with the object always in mind of our capturing the Philippines and Honolulu.

Capture these islands we must in order to place our hands firmly and once for all, on the Pacific Ocean.

The Americans boast of their Panama Canal, but it is only too ridiculously simple for us to dynamite it! EFFECTUALLY—on the coast of an old steamship full of powder!

Nominally, of course, the ship would be merely a "cargo" vessel, but at a certain signal the FEW of the crew that it carried for this noble deed would go ashore and disappear. Then comes the explosion, and the canal is wrecked for many months AT LEAST!

And before the United States warships can come all the way round South America we will have seized the island. These lie much nearer to our shores than they do to the United States coast, and it will be a very difficult matter to oust us—our navy is much stronger than the American, better equipped and better officered.

Let us ask this question: Why is Japanese immigration into California so obstructed and impeded?

The answer is an interesting one. It is because the American people are always set only against the Japanese, but very much in awe and fear of them. And this is especially true of the inhabitants of California.

Why America Fears Japan

To sum up the situation in one truthful statement, the Californians and, indeed, all Americans, are jealous of us, and of our rapid development in every art and manufacture. More particularly are they jealous of our magnificent army and navy to which they are forced to grant a most grudging admiration and envy.

From the humanitarian point of view, we should be received in the United States with open arms, for for the reasons that we have mentioned this is far from being the case.

Ever since we vanquished the Russian horde the whole world has held us in the highest esteem and reverence. But to the American people we are a giant Nemesis that they know will some day fall upon and annihilate them, smiting them, as their Bible says, "on the hip and on the thigh with great strength."

In 1903 a vast labor meeting was held in Chicago (U.S.), at which resolutions were passed to the effect that the number of able Japanese workmen coming into the States was to be limited so far as possible, and that the matter must be strictly inquired into. The meeting then selected two commissioners to come to our country.

These two, when they returned, reported that conditions of labor in Japan were very better, that American labor was far and away better, and that the Japanese workman was worth but a very small salary.

But at the labor meeting in the next year (1904) a treacherous and dishonorable resolution was passed by this lot of scoundrels to the effect that our worthy Japanese workmen were to be shut out altogether! They bought a great many newspapers (all the United States papers can easily be bought) for the occasion, and then began a campaign against us!

But we were not surprised, knowing American honor to be as deficient as it is. We only laughed, because we also know that our day is rapidly coming, and the man who is lagging behind will soon launch in the front rank!

Many conferences have been held in China on the Pacific Coast by representatives of these deceitful labor unions, and at last of

THIS newspaper here presents for the first time to the United States the first translation of the most popular book in Japan. It is popular because it calls for war by Japan upon the United States, and fosters the belief that we would be easily conquered.

Before the present war in Europe Gen. Bernhardt, then of the General Staff of Germany, wrote a book called "Germany and the Next War." If the other European nations had paid any heed to Bernhardt, conditions in Europe might be different today, for in that book he outlined, years before the actual conflict, the actual course which Germany has taken. Unfortunately the Allies did not give any attention to General Bernhardt's highly significant observations until after the war was well under way.

How Japan Is Inflaming Its People Against the

these angry and frightened speeches were made against the Japanese nation. The result has been, by these sedition pieces of lies, that the Americans have been taught through the bought papers (which we noted above) that we are a weak nation and not worthy of any attention! Let America beware! For our cry: "On to California! On to Hawaii! On to the Philippines!" is becoming only secondary in our country to our imperial ambition!

The smoke of American falsehood rises as a vast stinking cloud that destroys the beauties of the innocent heavens. Whereas, the fire in our hearts burns brightly, casting its golden beams of honor and power over the entire world.

The strange part of the present situation is that supposedly well-educated Americans are against us! We are tempted to ask the Americans their definition of "education!" If their vaunted "education" has not taught them even the most crude rudiments of hospitality and manners, of what use is such an "education!"

It must be remembered that the Americans are a crude race that consists of every kind of riff-raff blood—including the negro-white mixture—of every foreign nation (save ours).

We in Japan have a glorious history that antedates by thousands of years even the knowledge that the wild and indolent America ever existed!

The United States seems to us like a huge soup-pot into which every kind of thing has been put in the hope of obtaining a savory mess. The "mess" is there, we grant, but as to its taste we know that it is bad, and that its smell is worse! We are surprised that the Washington Government has not more authority over the acts of the separate States, and America reminds us of a man (the President) who has a very bad family that he is powerless to control! An amusing situation, from our point of view.

It is Washington is not strong enough to enforce its orders on the Pacific Coast, we are in short, the United States Government is but a foolish childhood game, such as checkers or jack straws.

We have tricked California, however, by sending our men as residents to the Hawaiian Islands. There they became "citizens," and from there, after a certain time, proceeded to California.

The Hawaiian Islands are only distant from San Francisco a few hours by our fast warships and cruisers, and in the island are at present 50,000 Japanese—all of them have received army instruction and they know their duty!

The Honolulu group of islands, however, is not large enough to adequately support our countrymen. As a matter of fact, we can seize the port and fortifications (such as they are) with the greatest ease, thus permitting about 60 per cent of our people already there to help in breaking in California's shut doors. When that State realized our intentions she tightened her virtuous-like claws and forbade our people, even after a residence in the Sandwich Islands, to enter.

Still, we have found means of overcoming this difficulty. We have sent both army and navy officers in the same disguise as businessmen, and they, having been thoroughly taught in Japan how to swim, have quietly slipped overboard and gained a landing in California and Oregon ports, under the very eyes of the minutest United States customs and immigration officials.

What Japan's Spies Are Doing

These officers of ours are scattered everywhere on the Pacific Coast today. We do not need to explain why they are there!

We confess that the methods by which we have had to do these things are not according to ideas of honor. But when it is considered that we are dealing with a nation of liars and evaders of justice, we must perform "do as the Romans do"!

An short, and in conclusion, we wish our people to know that the Americans are a race of whippersnappers, that even among themselves they are dishonest; that crimes among them run up to a steadily growing greater degree every year, and that we Japanese are proud to teach them honor, morals and discipline!

There are one hundred and fifty Japanese bath houses in California! Here again is another sign that the Californians have no facilities of their own whereby to keep their bodies clean. They have to go to our bathhouses! These hundred and fifty Japanese bath houses earn more than 2,500,000

yen (\$1,500,000) per year. And this money is earned by the washing of the dirt from American people who do not know how to wash off themselves!

Our agricultural workers in California, in Nevada and in Utah have been treated in the disgraceful way that has ever been typical of American ethics of politeness!

We "Do Anything for Money"

Our readers will notice that we use the term "agricultural workers" instead of that of "farmers." And we do so because the pronoun of "farmer" distinctly implies the many, kind American common man who dies in the dirt with his hands, and will do anything even to murder, for money! (Note the famous case where a famous gambler was shot dead because he threatened to open his mouth and tell of the many vilenesses of the highest Americans in the city. It was decided by the rich men that this police official must be "done up," and men were hired for a private occasion. The Honorable Police Captain Becker was the originator of the whole gambling house system of bribe taking, and as he was the chief of all the police in New York his trial was a notorious one.)

Almost as great a case was that of an Italian called "Sam" who shot a Mr. White in cold blood because of some woman, and "Sam" is still living! All these things prove, without doubt, that the Americans are savages—without sense of law or reason. In Japan we would never permit such outrages of common decency and order! The United States has much to learn from us!

Taken all in all the Japanese people are far more thrifty than the Americans, and far more clever. They are more skillful in invention, more armed in mentality than the clumsy-witted Californians, for instance, and

it may truthfully be said that we, in Japan, can find today, even among our most humble classes, much better types of men and women than the semi-Irish, semi-French, semi-German, and semi-everything else on two legs that may be called human being—with which the whole of the United States is pretentiously populated.

What are, in contravention and comparison, our habits?

* We are accustomed to do without chairs—and in consequence our bodies are exceedingly supple.

* We do not eat so-called "chopsticks," for cleanliness' sake. (Not as the Americans, who eat the bones of chickens and animals and literally gnaw them!) Nor, as the Americans do, do we use utensils for food purposes that lie un washed for days at a time!

What, as a side remark, is the great wireless system that the United States claims to be their sole invention? It was invented originally by Marconi, an Italian, and then so greatly improved by our own students that Marconi was much pleased to take lessons from us. To return once more to the comparison between the United States working-man and ours: We can do the same work in a better way in half the time! The Americans are but mere children when compared to us, who are masters of all scientific essays.

Our method of reprimand is much better than anything the Americans ever dreamed of, and they will, eventually, be very grateful to us for teaching them these important things.

* Our fingers are clever at any kind of work, no matter how delicate, whereas the fingers of the Americans in general are only capable of cutting up beef!

* They do not know how to peel fruits or vegetables! We do! We will have our canaries for fish and fruit in Oregon, and for



"The Honorable" of America "Patriot"

various other things vada and Utah, and subjugated the Pacific coast and Michigan human school of Americans will soon it will need much on our part—as the Another matter of attention is that the

A Highly Popular Picture in Japan, Which Purports to Be a Prophetic View of the



United States Betrayed by Its Owl "Bernhardi"

Want Book (the Most Popular in Japan and Issued by Its Powerful and Official Press) Are Determined to Declare War Upon Us, and How They Expect to Win. Men and Women, Our Morals and Our "Contemptible Army and Navy"

throughout Japan. The translation given herewith is a strictly literal one of the well-known American writer, Lawrence Mott, in collaboration with Mr. Hain Joia, a distinguished Chinese writer and scholar.

Mr. Mott says: "My motive in translating this most popular book in Japan is a simple and straightforward one—that of showing my fellow countrymen the true thought of the Japanese, from Prime Minister to coolie. The present vice-president of the association is Baron Kato, Minister of Foreign Affairs, and he is perhaps as responsible as any for the fact that this book has so wide a circulation."

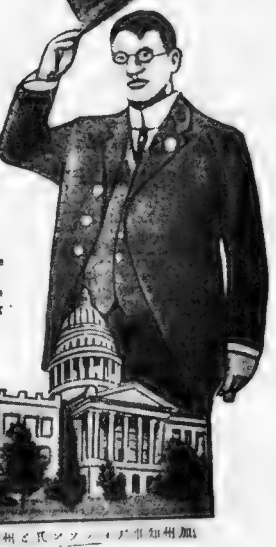
Much in the book is deliberately calculated to inflame Japanese hatred against the United States. In the well-thought-out

plans for invasion and conquest and the terms of ignoble peace that Japan has already formulated for conquered America lies the real warning to the government of the United States.

These will be taken up in the next and concluding installment. No comment is necessary upon the last—except that particular attention is drawn to the address of Dr. Inaki and the resolutions calling for war upon the United States, no hint of which has heretofore been allowed to leak from Japan.

In view of General Bernhardi's similar book and its sequel this newspaper believes that it is performing a real service to its readers by making them acquainted with the ideas and plans of this Japanese "Bernhardi," who is, as Mr. Mott says, a composite of the most influential leaders of all Japan.

An illustration from the Japanese book "Bernhardi," showing Governor Johnson of California, Dominating the State Capitol.



United States, and the First Hint of Its War Plans.

lane spoil all their canned fruits by the taste of oil that they permit to drop from the machinery onto the fruit.

Had we charge of these factories no such dirty habits could be attributed to us, for we are lastly a clean people!

President Yuan-shih-kai cannot live forever, and the next man will be of our choosing and under our influence. Yuan-shih-kai has, as we have said, been bought, body and soul, by American wealth. The Standard Oil Company is such an octopus of greed that even the Washington Government has been forced to recognize this smelling ulcer in its side! But the Standard Oil has great money at its control, and, after all, the President of the United States is simply a man. Money means as much to him—against the time when he is not President any more—as it does to any one else.

The whole of the American people are stubborn and blind! They cannot see one finger's length beyond their noses!

Well, stubborn children must be taught! This is our answer: American workmen have no education! They are a servile lot of slaves, bent under the yoke of a vicious and dangerous body of men that is called, we might say facetiously, a labor union! This "labor union" has lashed out! This "labor union" is protected by Washington, and Washington must bear the consequences of the triumphal success of our men! Instead of taking a wide view—instead of having an open heart—the Californians are angry and the Americans in general have once for all time shown us their narrow minds and their petty "honor."

We ask no clearer vision of them—except that which we have over the rights of our ribs and over our battlements, guns!

We will conquer them! How can we fail? The Americans are lazy! They lie about their homes all day and drink all night. They have done nothing but copy as for the last fifteen years.

Poor fools! Poor blind fools! The American people do not know us! They think that we are mere animals; indeed they have written of us as such, and it is for this reason that we are not allowed to marry their women.

Not that we regret this, as our own women are better in every way, especially more obedient, but we seek of this matter merely to assure all our countrymen that they need not in the least be troubled by this attitude of the Americans. When we reach there we will regulate these things in a proper and sane manner. Just think of it: our countrymen! American women often and often marry negroes! They like this sort of marriage and it is permitted by the barbarous American laws!

What can we think of such a people? The only logical explanation to the marriage question is that the citizens (?) of the United States consider that as a common black man, whose real home is in the East of burning African deserts—and yet the Americans consider the black man as their slave today, and often inflict terrible secret tortures, such as burning alive, putting out eyes, etc.—that these matters are so trivial that they do not care to discuss them. It is the fact that the Americans are still in a barbaric state of civilization (?) and "flow." It is not surprising to hear the Americans boast of their "high standards of life!"

Pursuing for a brief space to the marriage between Japanese gentlemen and American women, we must say that the latter are at several cases of infidelity of Californian women who are known, and our clever countrymen, recognizing that though she is not perfect, by any means, the Californian woman is a good worker, and so the Japanese have kindly condescended to marry her and have a part of marriage ceremony performed there. This alone, he can make faces at the Californian authorities and live where he pleases.

"On to California!"

For example, in the city of Los Angeles a Japan Christian priest, who has lived in America for more than twenty years, and whose position is far above that of other priests, agreed to marry a Miss Kate at her urgent request. She was exceedingly well known as a girl of a good family California—that is to say, as "good," as the natural qualities of which we have given a few examples permit of any American family being. Thus it would have been on the whole a satisfactory thing for Mr. — But the authorities were so stupid that they would not permit the marriage!

Think of that for an insult to the Japanese! He was annoyed and disgusted, this king to forget the whole matter philosophically, but the girl, beseeched in such fearful fashion, as she loved him so greatly, that they crossed the Mexican boundary, were married there and returned in glory and triumph to Los Angeles.

Our anger is great in a great cause, and for a great reason! Success is in our rear, behind!

ON TO CALIFORNIA AND THE PHILIPPINES! The National Manifestation that took place last year in Illinois Park, in our Imperial capital, against America, and that was attended by 100,000 people of all ranks, shows how great we will be when the first shot is fired!

Among the many speakers that addressed the loyal crowds was Mr. Yao, a member of our Imperial Parliament, who said in a superb speech that all the States intended following the example of California! And that we must seize our standards, unfurl them to the winds and advance without the least fear, as America has no army, and with the Panama Canal destroyed, its few battleships will be of no use until too late!

Mr. Iama, who is one of our most able and popular citizens, then said that the Americans are all stupid! See their crazy action in California! "We Japanese have done everything possible—a quiet and civilized—and failed. Now to arms! Quick to arms!" It was followed on the platform by Dr. Inaki, who said as follows:

"In our history, my friends, and you will read of the American officer, Perry, who when he came to our shores, roughly and rudely asked the Tokugawa Prince (Shogun) why Japan was so barbaric as to allow foreigners in the face of the fact that the Americans especially? It occurred us of being quiet and unprovoked, stating that the prince demanded the opening of our doors and ports

"And now, my friend, what is the attitude of the nation that sent this rough barbarian Perry to our beautiful and peaceful shores? To our sweet smiling land of cherry blossoms and scented forests? To our nation that had until then known no strife and only desired to be left alone to develop as a flower develops through the bounteousness of Nature? I ask you again, what is the attitude of this savage Perry's nation today? Is it not exactly the reverse from all that we had been led to expect? Does it not call for our indignation and our anger? Must all our efforts, however, and their results, my friends! More, we must give on our swords, along our carriage belts over our shoulders, and with bright-pointed weapons, advance! When we have conquered we must live up to our Bushido and the spirit of forgiving! We must gently try to teach the Americans that although we are their conquerors, we mean only their ultimate good."

Long Record of "Evil Deeds" "America is a nation of sweet words, but of evil deeds. At heart the American people, one and all, are a nation of thieves, with the hearts of rabbits! Their actions prove this! I continue, my friends, to tell you of how the United States began! In 1776 the Declaration of Independence was made in a small village called Philadelphia. Thirteen States united, and shortly after, President General Washington threw valuable British tea into the water in Boston harbor, by this peculiar way declaring war against England. The battles were numerous, but the English never were good warriors, and they were beaten. In 1803 the United States bought from France a certain territory called Louisiana. They acquired great territory along a large river called the Mississippi. Then in 1819 these 'United States' purchased a territory called Florida from the Spanish Government. In 1820 the 'United States' brutally overpowered our present stance and most valuable ally, Mexico, and deprived her of a large land that is now known as the State of Texas. In 1846 the United States sent 200,000 men (150,000) to Mexico for various reasons and to fight in California. This did not mean but the whole land of the Mexicans seized it as their own, nevertheless! And the poor Mexicans could do nothing. In 1847 the United States sent troops from Alaska, in the far north. In 1858 was the cruel and inhuman war that they ruthlessly

inflicted on poor Spain, and in consequence they seized the island of Cuba and the Philippines, matriculating the inhabitants. In 1890 the 'United States' ruthlessly annexed the Hawaiian Islands—much against the wishes of the inhabitants and our inhabitants! "These are only a few examples of American 'humanity!' And, as I have said before, these acts prove them to be villains to the blood.

"And now they seek to inflict us with their 'honor' by driving from their country! We use the word 'honor' in jest, because the American people do not understand its meaning.

"At any rate, my friends, let us take to our arms both by land and sea, and punish these devils!"

At the finish of the able Doctor's speech the crowd went away with the firm knowledge of the truth of the words of this venerable man, who has made an especial study of the American people, and that, in this country, a single man of whom is trained to the highest

The text of the resolution that was then passed closes as follows:

"We herewith formally request our government to declare war against the United States without an instant's delay!" Let us suppose that the United States assumes the offensive against us. What will happen? The canal will instantly be dynamited by our people, who are living quite near it, and are anything can be done to the United States Navy, our ships will be in full possession of the important points. The personnel of the men in the United States Navy is in every way unequal to ours. They are inefficiently offered, and although we have read newspaper stories as to the marvelous gun handling by the gun crews, we must remember that these stories are all paid for by the United States Government, that secretly circulates these reports in order that the American people may grant, through their Representatives and Senators in Washington, still more money for an even greater fleet!

American Army Only a "Joke"

The American Army is so insignificant that it is scarce worth mentioning in these pages. Furthermore, it may truthfully be said, in paradox, the United States Army is not an army! Nothing but a few thousand of men, who, having no brains wherewith to gain an agricultural or manufacturing livelihood, take up an army life for the few dollars and the uniform that the United States Government furnishes them with.

They therefore have good food, plenty of time to sleep and nothing to do save "stand guard" (what a joke!) over a few starving wild Indians in the Western States. On prison lands, which the American call "reservations," but which are in reality nothing but arid deserts, where the poor redmen are forced to do hard labor and to live as animals. All around these poor people are the great American soldiers, with fixed bayonets, as afraid as they of even a pitiful handful of the most primitive of the noble and illustrious tribes of the redmen, whom they have round out of existence by the cruelty and barbarity of their trading merchants, who sold the American "wild" and half-wild, and when they were drunk and poison, robbed them of everything they had!

Washington made no criticism, because these trading merchants bribed all the Senators and Congressmen to initiate blindness to their infamous deeds!

And still the Americans say that their "Bagle screams with pride!" Rather, he should say, with pride, he should say, with shame! And Washington made no criticism, because these trading merchants bribed all the Senators and Congressmen to initiate blindness to their infamous deeds!

At best the American Army consists of 30,000 men. All of them are untrained and awkward, who scarcely know the words of military commands. Even in the most recent case—such as our declaration of war with the United States has not more than 400,000 men who are of human bodies from whom these would consist only of men whose hands are more accustomed to directing a plough, mixing cement, slaughtering pigs for the Chicago beef and pig canneries, etc., etc., than to the knowledge of rifle shooting, the building of trenches and the handling of other technicalities that an up-to-date army has at its command.

In comparison to these facts, we in Japan can mobilize and put in the field at twenty-four hours' notice 15,000 men, every single man of whom is trained to the highest

point of efficiency, every man of whom is eager to fight as a bound is eager to follow the trail of a fox, and who is offered by men who have already served noble and strenuous apprenticeships in the Godlike art of war for their country's honor and inviolate integrity!

America has only one god that it really worships: And that is the god of gold! They fall on their knees to it and with much supplication implore it to cast friendly eyes on them, so that they may become even more rich! Americans have no philosophy save that of their craze for gold! Yet we have seen in their Bible a proverb that says: "Thou shalt not worship any golden image!"

America is too material in its beliefs. Such a soul as it has is covered by a heavy cloud through which no light of education or understanding can pass. And we Japanese must be the ones to divide this terrible cloud of ignorance under which the Americans suffer, so that the great light of our education may shine through and fill them with an earnest desire to become as we are, viz: Sober, industrious and with clean mentality.

Therefore our war with the United States will be one whose intention is for the general betterment and benefit of the world. And all nations should be grateful to us for our tearing away the cloak of darkness with which the American people have so long covered their naked bodies.

When the declaration is made the United States will attempt to send from California ports some 20,000 crude soldiers to protect (?) the Philippines. (Little does the United States know that we have many plans arranged for the destruction of the Manila forts and guns!)

Our first move will be to seize Honolulu! This can very easily be done by a fleet of transports carrying 20,000 men and protected by our fast cruiser-class ships. We will take control of the wireless station, drive out the meteorological priests, so that they may not give false weather information from their observatories or communicate with the Americans.

The Japanese Naval Minister is now occupied in the greatly pushed-out work of hastening the building of first-class battleships, transports and submarines. Our army and navy commissariat departments at Pitsawaga are now working night and day in order that adequate supplies of our own compressed foods may be ready.

Japan's Preparations for War

The Tokyo arsenal is also working night and day in the making of enough shells of all kinds. We have even the red glaring smoke screens against the skies, and we have heard the rumble and roar of machine guns, and our projectiles were being formed. We have been told that notice that double sentries are placed at every gate—for American spies are many in Tokyo, and we must be careful!

Our great idea is to attack them—in order to vanquish California, to open the Sandwich Islands, Samoa and the Philippines—that we must all save, treat our strength, and, accordingly, every sen that we can. Instead of dressing in silks our women must wear cotton, and our richest men must be content with haori of simple texture, and hakama of plain cloth. Instead of drinking our favorite sake, or wines of any kind, we must drink water. All these personal expenses saved we must give to our army and navy.

All our protesters must imbue their students with the realization that the United States is our insulting enemy! They must—and they will—teach those who are yet too young to serve, all the cruelty and blood of the United States, calling upon their young hearts to fight nobly against American injustice.

In the second and final installment of the Japanese book next Sunday will be given the complete dream of how the war will actually be fought, the capture of the Philippines, of California, etc., and the terms upon which Japan will grant peace.



Our Conqueror Japanese Figure.

California. In November when we have our States in Washington will carry on our flag. Perhaps the learn from us—but not and patience underfully stupid. worthy of our all and Oregon

Invading Army Landing at San Francisco.



Recent Important Progress in Determining the Cause of Diabetes

A Physician Explains the Significance of Experiments at the Rockefeller Institute That May Lead to Cure of One of Civilization's Most Mysterious and Rapidly Increasing Diseases

By Dr. John B. Huber.

THE medical scientists of the Rockefeller Institute are working upon a cure for diabetes, a disease that causes upward of one per cent of our deaths, and is regarded as very rare because it often affects young people and is one of the degenerative diseases that are growing common among our most civilized city populations.

The idea of the medical scientists at the disease may be cured by a preparation of animal pancreas. In order to help to convert the carbohydrates in our food into an assimilable form of sugar, it is the function of the human pancreas to perform its function thoroughly that usually gives rise to diabetes. Drs. S. J. and J. S. Kleiner, of the Rockefeller Institute, are the scientists who are conducting the investigation, and their work has already made many experiments and observations that are likely to be of the greatest value to suffering humanity.

Recent studies have shown that diabetes is a disease in which the body is unable to utilize the sugar in the blood. The sugar is not converted into a form which can be used by the body, and it accumulates in the blood, causing various symptoms. The scientists at the Rockefeller Institute are working to find a way to help the body to utilize the sugar properly.

The Importance of the Pancreas.
Well, he that as it may, the fact is—no one can take a single step toward a cure of diabetes until the function of the pancreas is understood. The pancreas is a small gland, but it is one of the most important organs in the body. It is the function of the pancreas to produce a substance called insulin, which is necessary for the body to use the sugar in the blood.

The pancreas performs its function by secreting a substance called insulin. This substance is then carried to the liver, where it is stored. When the body needs it, the insulin is released into the blood. The insulin then travels to the cells in the body, where it is used to help the cells to use the sugar in the blood. Without insulin, the cells are unable to use the sugar, and it accumulates in the blood, causing diabetes.

Insulin is a very important substance, and it is one of the most important factors in the body. It is the function of the pancreas to produce insulin, and it is the function of the liver to store it. When the body needs it, the insulin is released into the blood. The insulin then travels to the cells in the body, where it is used to help the cells to use the sugar in the blood.

Take now a look at the following formulas:
Glucose + Saccharose = Amylose.
 $C_6H_{12}O_6 + C_{12}H_{22}O_{11} = C_{18}H_{34}O_{17}$
Dextrose + Saccharose = Glycogen.
 $C_6H_{12}O_6 + C_{12}H_{22}O_{11} = C_{18}H_{34}O_{17}$
You observe that all these substances are composed of 18 atoms of carbon, 34 atoms of hydrogen, and 17 atoms of oxygen. This is a most interesting coincidence, and it is one of the many facts that are being discovered by the scientists at the Rockefeller Institute.

atoms of carbon and eleven portions of hydrate (eleven times H.O.) make up a molecule of saccharose, six atoms of carbon with five portions of hydrate (five times H.O.) make up a molecule of starch.

And one can now easily see that all the starches and fats in our bodies are converted into glucose by the simple process of hydration. In this way practically all the starches yield glucose.

Observe further that under glucose the words dextrose is preceded by a plus (+) sign; and that the word levulose is preceded by a minus (-) sign. These signs denote how the substances are being tested in sugar manufacture by the polariscopes. Especially does the Government test the purity of these sugars which are used in the making of candies by this instrument. The essential parts are a tube one looks through. One looks through this tube at a solution of the sugar to be tested. Next in order after this solution comes a prism standing vertically, and finally a lamp of like illumination. A solution of dextrose thus examined will rotate the rays of light to the right, or in the + direction, whereas this form of sugar is designated as dextro-rotatory. A solution of levulose, on the other hand, rotates the rays of light to the left, or in the - direction. Hence a true minus (-) sign. There are both dextrose and levulose in glucose, and the dextro-rotatory (+) sugar industry has not any dextrose in its glucose. In the case of saccharose, which is the action of the pancreas, it is a mixture of dextrose and levulose. This mixture is called invert sugar, and it is the only form of sugar that is found in nature.

When a certain amount of glucose is added to a solution of invert sugar, the mixture is called a glucose solution. This solution is then used to test the purity of the glucose. The scientists at the Rockefeller Institute are working to find a way to help the body to utilize the sugar properly.

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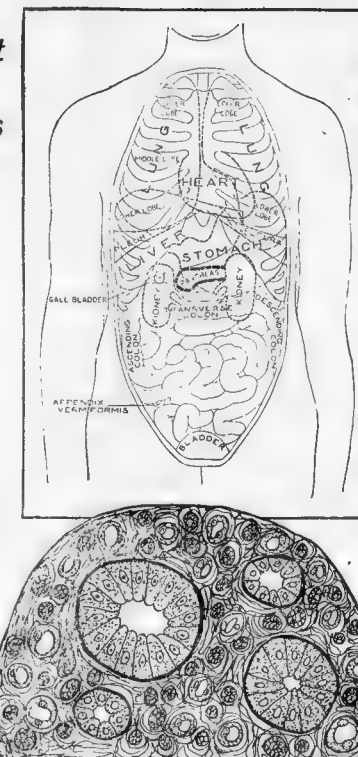


Diagram Showing the Location of the Pancreas in Relation to Other Organs, and, Below It, a Drawing of Kidney Cells Greatly Magnified.

direction. It is, the chemist finds, one of the products of decomposition of cane sugar by means of dilute acids. With the exception of a few cases, however, it is not a substance that is found in nature. It is a substance that is produced by the pancreas, and it is the function of the pancreas to produce it. The scientists at the Rockefeller Institute are working to find a way to help the body to utilize the sugar properly.

is to prevent the formation of excessive glucose in the blood. In their experiments they have used dextrose, which, as we have seen, is a form of glucose, and they have not here made any distinction. They have eventually to elaborate by several processes some substance which will supply what is left wanting through the action of the pancreas. They found in their experiments that the normal dose of dextrose of a solution of dextrose injected into the vein; but that the dog cannot dispose of any such injection after his pancreas is removed. That is, his kidney secretion will show the dextrose. But when in a dog this denatured dextrose was injected mixed with an emulsion of pancreas, rubbed to fine particles and strained, the injected material was very comfortably disposed of, and within a normal period, leaving no presence of sugar in the kidney secretion. Thus it would seem proved that the pancreas in health digests sugars and starches; that, possibly also in health manufactures a ferment which would have the effect of preventing diabetes.

The physician has to prevent diabetes, a diabetic patient from taking dextrose. Levulose, however, is permissible. Indeed, there is a levulose which is "made in Germany" and is particularly good for diabetic patients; this substance, however, by reason of its being a sugar, has been found to be procured in the United States with great difficulty, or not at all.

This is in a rather bodies carbon hydrates of whatever kind convert into glucose; and this glucose is in the natural state of living circulated into the blood, turned up (oxidized), the chemist says, in the muscles and other active tissues, thus supplying heat and energy. But when more carbohydrates are received than the body can conveniently turn up, or when pancreatic deficiency disease prevents the proper functioning of that organ, then carbohydrates overload the blood, are sifted out in the kidneys and appear in the kidney secretion. This manifests the prime symptom of diabetes.

Levulose is that form of glucose which, having the same chemical formula as dextrose, turns, however, the light in the polariscopes to the left, the minus (-) direction.

Taking Blood from a Dog Whose Pancreas Has Been Removed to Determine the Amount of Sugar Within It.

case a family history of sugar sickness. Children previously perfectly free from diabetes will, all of a sudden, manifest the disease after having been struck on the head or the spine of the abdomen. Diabetes in the young is very likely, moreover, to complicate such diseases as tuberculous meningitis, St. Vitus dance and epilepsy; and to follow upon a severe cold or some such weakening disease as typhoid fever. Children from six months to fifteen years may be sufferers, and diabetes is much more grave in the young than in the elderly, whereas, in most other diseases, youth survives. In the human economy, it must follow, therefore, that although a pancreatic extract will cure many cases of this disease, such a remedy is not likely to prove a cure in all cases.

Obviously there are cases in which the blow has caused the diabetes, the pancreas being in no wise at fault. This has been proved over and over again in animals. A rabbit, for instance, has had its kidney secretion previously examined, to assure that it is healthy and not diabetic. Then a blow has been struck on the head of the experimented animal; or that part of its brain known as the floor of the fourth ventricle has been irritated by the point of a knife; and this operation has been followed immediately by an overload of sugar in that rabbit's kidney secretion.

We Eat Too Much Candy.

Then there are very many cases of diabetes in which the initial cause is certainly to be found in the liver, cases in which the glyconic function is at fault. I have not thus far mentioned this function in order not to complicate unduly my demonstration. Now, however, as we consider that the pancreas has done its full duty in converting the starches and the sugars into glucose; the portion has duly carried the blood containing the glucose to the liver. One of the functions of the pancreas is to convert the glucose to glycogen. This means simply that glucose, as you will see by glancing at our chemical formula, is in the liver simply deprived of a portion of water, and is thus, in the form of glycogen, stored up in the liver as a surplus and emergency food. It is the body's glycogen is, indeed, the chief reserve of carbohydrates in animals. The glucose in the blood is oxidized to make heat and energy for us; and this glucose is constantly replaced in our muscles and other tissues from the glycogen in the hepatic reservoir. In those of us who are healthy and are not diabetic sufferers, there is

never any glucose excess in the body. When such surplusage becomes excessive, when the hepatic glyconic function fails, then there is glucose excess in the blood, as appears in the kidney secretion. Obviously what is wanted for a cure or a relief of such diabetes is not so much pancreatic extract, but the enforcement of a restricted diet, a diet from which all, or nearly all, the sugars and starches in human food are cut out.

Symptoms referable to the nervous system are marked in diabetes; no reference to the pancreas will explain all these symptoms. Take the Jewish race. This wonderful people is in nothing more wonderful than in its power to live not only long, but also healthily in the land. This is by reason of its adherence to the Mosaic sanitary code, and by its comparative freedom from disease in spite of the hardships it has as a race endured. Nevertheless, the Jewish race leads all the rest of humankind in its proneness to two diseases—typhoid and diabetes. Is there cause and effect here? I believe so. The physiological truth is that the most functional of our bodies depends on the normal condition of our nervous system. An upset nervous system will upset pretty much every other organ and tissue in the body; and the pancreas will not escape, nor will the liver. And so you fill up to the brim with pancreatic extract any Jewish fellow-citizen suffering from diabetes, and he will remain unrelieved—unless he is properly dieted made to give up his overwork and worry.

Europe, by the way, consumes only one-half as much sugar as we do in the United States. It is not well to let the substance which is only a fuel, rather than a nutritive, run rampant. Our children certainly eat too much candy. Probably the most valuable of materials with which to satisfy the natural human desire for sweet-tasting foods are the fruits, several of which contain from 15 per cent of sugar in the fresh state and from 50 to 75 per cent of sugar in the preserved state. Sugar is not really sweet until it reaches the intestines, and it is not until it reaches the intestines that it is really sweet. It is only in the stomach, where it has its full effect under irritating fermentation, that sugar is pronouncedly irritating to mucus membranes. If you do not believe this, hold a piece of hard candy to one side of your mouth for some time without moving it, and you will notice the tingling, stinging, and burning sensation which the poor children catch colds and catarrhs and runny noses not so much from starvation, but from too much feeding with sweets. The whole of sweetened foods and their utilization by the system is largely a question of quantity and concentration. A spoonful of sugar, or a spoonful of syrup or a fruit itself, rather than heavily sweetened, is easy of digestion; but when much sugar is used, it has to have a highly concentrated form of food, which can be eaten only in moderate quantities and which is entirely unsuitable to children and invalids and people in sedentary pursuits. On the other hand, harvesters, athletes and hard workers with their muscles can "get away" with a lot of sugar.

"TOPPERS" FOR WOMEN! ***

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The "Topper" With One of the New Heavy Spanish Veils

By Lady Duff-Gordon
("LUCILE")

NOW, here is something, for the moment at least, quite new—"topper" hats in all guises. How long this particular fancy will last it is difficult to say, though I rather imagine that one soon may get tired of so distinct a chance from the little close-fitting toques of last season, with the high standing secreties and parasols. Particularly as for the present at least all "toppers" must be more or less alike in proportion, though I shall try to ring in as many changes around this particular form as possible.

A "topper" hat is distinctly a hat for the tailor-made girl. It is a stilly hat, and must in no way be overtrimmed or of any particular kind of material. The four that I have are the very latest, or may I say the very earliest of this delightful form of headgear. The little lady with the ermine muff has a "topper" reminiscent of the Fans Gene. It is of green panne, with a narrow piece of ermine terminating in a little black tail pinned high on the right hand side of the crown and running down low on the left hand side of the back, where it terminates with a tiny ermine head. This should be worn with a green tailored suit and ermine fur.

The coach and four is another form, and absolutely made on the lines of the drivers' hats in the old coaching days, with curled up brim bound and banded with a black moire ribbon. With this the weaver has a high black and white checkered stock to keep in the suggestion of position.

Yet another hat is of black beaver of rather a Victorian type worn by ladies when out riding. It has a bottle green lace veil drawn diagonally across the face and fastened high at the back with a green brush.

Our last friend wears a white veil with heavy Spanish design over her face, just showing the eyes below.

These hats, in common with other hats of the season, must not be worn crowded down onto the head, but rather higher in the back than the front, and in one or two cases a slight little lady might be brave enough to wear a green chenille net over her head-dressing up the back to be in keeping with the whole of the picture.

And now to tell you something of the dresses. I suppose if I were to say that skirts will be fuller and bodices tighter you would say, "We have heard all this before." But if you were to see the dresses you would say immediately, "I have never seen skirts so full or bodices so tight as these," for they are even fuller and tighter than last season, and in many cases shorter. The bodices are very long waisted and accentuate an entire new silhouette, so if you wish to be in the latest fashion you must be yourself to your consternation before you come to me. Hoops are, of course, in nearly everything, and it is surprising how in-

ellegant the dresses look without them if you see a really well-made one in a room in contrast with the others. I have even afternoon and morning serge tailored dresses, and reveal in them, so pay no heed to the old trumps who call them ridiculous, for they themselves now are wearing the tight dresses they condemned four seasons ago.

Furs are to be rather interesting this coming season, and all coats will be volu-

minous and have enormous cuffs and bands of contrasting and bigger fur for decoration. The groundwork of these coats will often take the form of new placed fur, such as squirrel, sable, chinchilla, top and other short furs, the skins being cut and placed together so that the fur works in contrasting directions and so forms contrasting designs in checkered work, stripes and even more elaborate patterns than this. Speaking of chinchilla—I have seen the most astonishing imitation of this fur made from squirrel that no lady need be afraid of, however much she may detect imitations on principle, so excellent is it and so attractive and durable.

Furs are to be expensive this season,

and we must not forget to be in keeping the hat must be dressed to match—close to the head, the puff or curls and very often tight brims caught up with queer stiff bows and little flowers. Big cluster earrings and brooches of the same period should be searched for now in the curiosity shops before they are all bought up

"High Hats" for
the Tailor-Made
Maid and the
"Window Curtain"
Veils the First
Startling New
Notes in the
New Fashions

LADY DUFF-GORDON, the famous "Lucile" of London, and foremost creator of fashions in the world, writes each week the fashion article for this newspaper, presenting all that is newest and best in styles for well-dressed women.

Lady Duff-Gordon's Paris establishment brings her into close touch with that centre of fashion.

Lady Duff-Gordon's American establishment is at Nos. 37 and 39 West Fifty-seventh street, New York.



Black Beaver "Topper,"
With Bottle Green
"Window Curtain"
Veil—The Face
and Fastened at
Back With Green Brush
("Lucile" Model)

PHOTOS BY WHITR



The "Sans Gene Topper" of Green
Panne and Ermine
("Lucile" Model)



The "Coach and Four"—One of the Newest of the "Toppers," Made
Absolutely on the Lines of the Drivers' Hats in the Old Coach-
ing Days—the Brim Curled Up and Bound and Banded
With a Black Moire Ribbon
("Lucile" Model)



Treating a Crow's Broken Leg in the Hospital of the Club. (And to the Left) Coco, President of the Birds' Club, Taking His Shower Bath in the Club Yard, and Enjoying It in Unparrot-Like Fashion.

AMONG the signs that this is an advanced age is the establishment of a birds' club in New York. Men have their clubs. Women have their clubs. Children have clubs. Dogs have parties; monkeys banquets. The need of birds for social contact and the mental brightening that comes of association is a want that has been supplied by that good fairy of the bird, Miss Virginia Pope.

Directly around the corner from busy, surging Broadway, on the sunny south side of Sixty-fifth street, is the Bird Club. It is the Colony Club of the ornithological kingdom. Many features it has in common with the smart Colony Club of New York, save that the membership of the Colony is confined to one sex, while at the Birds' there is no segregation of the sexes. The aim of the Birds' Club is the same as that of the co-educational schools—the welfare of both. Like the Colony, the Birds' is a residence club. Birds that are weary of the home surroundings in town, or who find their country homes irksome, those who find

A Club for Birds



That Invalid Members Shall Receive the Best Possible Care There Is an Ambulance Attached to "The Birds."

life anywhere too nearly solitary and are plainly pining for the society of their kind can be sent to join the club. They can remain there for two weeks, or three months, or a year, according to circumstances. If their owners are hard enough to sail to Europe in these troublous times the feathered pet need not grieve himself to death at what he deems their decision. Instead, he can put up at the club for the indefinite term of their stay. He is sure to be entertained, sure to gain culture and accomplishments, and his physical welfare will be guarded.

The club has a president, Coco, a white Malacca parrot, of many human traits and with an air of authority that is never questioned by the members. There is no secretary, the bird members being addicted only to oral speech. Records of the club are mere matters of tradition handed down by one chatterer to another. But there is a treasurer, a little gray parrot that has a magpie liking for coins, and that receives the silver dollars of club dues in her claws, and with her beak deposits them in the club bank. The club auditor is a crow named Pete, once an arrogant fellow in cessantly at war with the aristocratic treasurer, but a forceful weak by one of the green-coated, red-eared parrots of the club rendered him lame and submissive. Now he merely inspects the shilling coins, turning his black head first on one side and then on the other, nods his satisfaction in their splendor, and watches Princess Virginia deposit them in the club bank, aside from his growly eyes and uncaring claws.

The members of the Birds' Club have all the comforts of home. Each has his or her cage, private bath and menu suited to his or her needs. There is a gymnasium fitted with bars and swings and balls in which they can play. This play is directed and supervised with a view to their muscular development. There is a music-room, where their musical education is continued. Noted on the shoulder of a human pianist or concertist the bird member learns to "follow a tune." But what the two hundred birds that compose the club like best is to assemble in the back yard, where among perches, sand piles, swings and bars they play as they did when they were but six weeks out of the egg. The school of music has as adjunct a school of languages, where talking birds are taught proper speech.

What is most gratifying to the fond owners of the members of the Birds' is that there is connected with the club a perfectly equipped bird hospital.

Miss Virginia Pope should use the initials B. D. after her name, for she is the most famous bird doctor in the world. Birds' flesh, she says, has all the afflictions to which human flesh is heir, and should be treated in much the same way. In bird cases, as in human ones, the treatment should be as speed as possible, that the malady may not have a chance to progress beyond control. Therefore Dr. Pope has attached to the club a little yellow bird ambulance. Drawn by a plump but swift shrikebird, it darts away upon the call and returns quickly bearing the sufferer from accidents or disease. Whereupon it is placed in the hospital and records of the bird doctor's most conscientious care. Extraordinary delicacy of touch is needed to search among its feathers for hurts and to manipulate the tiny bones and web muscles. It needs also exceeding patience, for sick birds are no more tractable than sick men, who have been compared in many house holds to leopards, with natural ferocity exaggerated by sore heads.

But, on the whole, Miss Pope finds birds no more difficult to manage than human beings. An obstinate old parrot, strong in the wisdom and courage of his civility or more years, may cause the surgeon some anxiety, but by gentle persistence even he is at last added to acceptance of his treatment. Anesthetics are administered by means of a tin paper cone, quite as in cases of men and women. Gradually the bird seems to understand that efforts are being made to relieve it, and Miss Pope is sure that the bird likes to make it as easy for her as possible. The convalescent bird is as grateful and demonstrative to the doctor as are some hysterical women.

At the club the birds are never permitted to become dull or bored. Amusement is continually provided for them. "Birds are much like children in their craving for continuous entertainment," says Miss Pope, B. D. "For parrots, particularly, objects for playthings must be provided. A bucket with a strap on the end of it, a clothes pin, a bit of tree bark, a rind of keys, a bright marble too large for him to swallow, or a small bell that he can ring, give amusement to a parrot. Not only do they amuse them-



The Education of the Club Members Is Not Neglected. Princess Virginia, the Belle of the Club, Is Here Taking a Lesson in "Following a Tune."

but they keep them out of the mischief that idle claws find to do—plucking out their feathers. A parrot that belongs to this club went to sleep on his perch carefully holding a little china doll in his claw.

"Birds should be kept out of a direct draught. I never hang one in an open window," warned Dr. Pope. "I am careful to place that perch as well as roomy ones in the cages of the larger birds, especially the parrots. Perches should fit a claw of a bird as well as the feet of persons."

Birds are very receptive to education, especially to the education of association. Parrots are not addicted to bath taking. Not one in a hundred will voluntarily take one. The reason for this is found both in heredity and environment, for in their native countries the heavy dew that fall upon them while they are perched in the trees serves that purpose. But Coco, the president of this club, has learned to love a shower bath. He spreads his wings and jumps around and chuckles with joy when we turn the spray upon him. A sprayer with a gutta-percha or crooked neck makes an admirable shower."

Members of the Birds' are the best groomed pets in town. Their bills are filed to an admirable evenness and their claws are carefully manicured.

Insulting Figures with Which the Tyrol Toy Makers While Away the Tedium of the Trenches

FOR many generations toy making has been one of the chief industries of the little Austrian province of Tyrol. The Tyrolese are among the most skillful wood carvers in the world, and it is from them that we get the little wooden animals and other toys which are such delights to children at Christmas time.

Hundreds of the men who in times of peace earn their living by carving toys out of wood are now fighting for their Fatherland. And they have carried their fondness for wood carving into the trenches and find it an excellent method of relieving the tedium of the campaign.

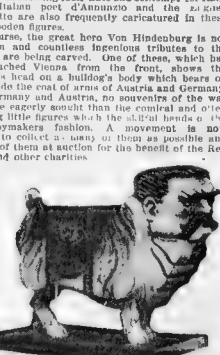
The little images which the Tyrolese soldiers are always carving whenever there is a lull in the fighting are, however, very different from the peaceful toys which fill the Christmas stockings. They all have a warlike significance and each carrier tries to make his little image express some of the hate he feels for his enemies.

One ambitious group shows a stalwart German soldier whacking the heads of Russia and France with either hand.

while with his foot he administers a vigorous kick to the frightened sailor who typifies England. Italy is a favorite theme for the wood carvers of the trenches. A fearsome looking brigand in a long cloak and with a dagger in his hand is one of the methods of showing their hate and contempt for Italy.

The Italian port d'Anunnio and the zerkush suffragette are also frequently caricatured in these little wooden figures.

Of course, the noted hero Von Hindenburg is not forgotten and countless innumerable tributes to the General are being carved. One of these, which has just reached Vienna from the front, shows the General's head on a bulldog's body which bears on either side the coat of arms of Austria and Germany in Germany and Austria, no souvenir of the war is more eagerly sought than the comical and often insulting little figures which the artists carve in the Tyrol toy-makers' fashion. A movement is now on foot to collect as many of them as possible and dispose of them at auction for the benefit of the Red Cross and other charities.



A Tyrolese Wood Carver's Conception of the Allies' Fate—One of the Many Interesting Bits of Art Which the Toy Makers of Other Days Are Now Producing in the Trenches.

On the Left, d'Annunzio, on the Right, an English Suffragette. Carved from Wood by Tyrolese Solders During Lulls in the Fighting.

Toutonit Hatred of Italy Is Expressed in This Wooden Statuette Showing the Nation as a Brigand.

A Tyrolese Soldier's Tribute to General Von Hindenburg's Bulldog Qualities.

New Things Every Woman Ought to Know

Moulding Baby's Body As You Would Clay to Make Her Beautiful

HOW shall a beautiful woman be made? The process is a "Government Children's Bureau" thing, and for face—even her body to no small extent—can be molded, much as a sculptor would form the face of a child in clay.

The most important feature of the face, for beauty, is the mouth. How few women are who have really "a mouthful" yet the shape of the mouth may be largely the result of proper or improper management of the child.

It is with this idea in view that the Children's Bureau especially cautions mothers against allowing the baby girl to suck her thumb. Such a practice is liable to deform the thumb to some extent, but this is a matter of relatively small importance. The main disadvantage of it is that it deforms the mouth.

There is an old saying that "a baby who sucks his thumb" like a pig and "sneezes" like a pig. At all events, the practice is bad for the baby. It not only deforms the shape of the mouth, but has a tendency to widen it and even to thicken the lips.

A popular substitute for the thumb is the "pacifier," which is a small, round, soft object, usually made of rubber. It has the same effect of deforming the mouth, soiling the shape. Many is the poor woman afflicted today with a homely mouth who would have had a pretty one if the feature had not been deformed in infancy by a pacifier.

Whether it be thumb or pacifier that does the mischief, a common effect of the constant sucking is to bend the little teeth outward, causing them to protrude. Such a deformation, once acquired, is permanent, unless afterward rounded by long and wearisome wearing of properly adjusted plates to press the teeth back. Is there anything better calculated to impair

a woman's beauty than "retrograde" teeth? On the other hand, as reality does the mouth in infancy respond to molding that a good deal may be accomplished for the improvement of its shape by teaching the child to speak plainly and with distinct articulation, instead of allowing it to slur its words. The lips take form to some extent at that period of life through the exercise of talking.

The time to make a pretty girl is when the pretty girl is in the making—in other words, while she is a child. During the early years of life her bones are soft, and her cartilages are like so much putty. By simple and easy means her face can be molded to a round, oval shape. Indeed, it is beyond a doubt that the molding of little girls' faces will some day become an important part of the beauty-making business, engaging the exclusive attention of skilled specialists, who will be employed for the purpose by the well-to-do, going from house to house and improving the nose of one child, the ears of another, and so on.

A baby girl has no teeth when she is born. What the four mother calls her nose is a small pit in the middle of her face. The feature that will grow her nose, with the structure of bone and cartilage, has yet to be made. What there is of it is the way of a breathing passage, soft and malleable, that the state of the organ as finally developed can be to a great extent controlled, the only thing unfavorable about it is its eventual size.

Even the habit of wiping in a caroling way the little nose with her finger, very injuriously, the shape of the feature. This seems a trifle, to be sure, but in reality it is important. The dirty animal be performed gently and with approval of the fact that the fingers when held the handkerchief operate in some extent in molding the organ the hand.

Later on, when the child is old enough to use a handkerchief, but

itself, I should be taught exactly how to do it and too roughly that for you know why it is not a good thing to do. Take notice, in this regard of the people you see and you will see that their noses are nearly always as turned quite markedly to the right, instead of being set straight on their faces. It is a deformation attributable to the fact that since early childhood they have used their handkerchiefs in a way that has given the nose each time a twist to the right. If evidence of the correctness of this theory be desired, observe the next left-handed person you meet, and you will discover that his or her nose is bent to the left.

In such a case that has done no harm, but it is a deformity. The pleasant little nursery name of "bump at the door, lift up the back," if frequently used, gives the nose a tendency to bend to the right. The pleasant little nursery name of "bump at the door, lift up the back," if frequently used, gives the nose a tendency to bend to the right. The pleasant little nursery name of "bump at the door, lift up the back," if frequently used, gives the nose a tendency to bend to the right.

On the other hand, a tendency to a right, or to over-wide nostrils may be corrected by gentle pressure with the finger, for a minute or so a day, half a dozen times a day. The same means may be used with a young child to modify a tendency of the nose to turn to right or left.

It is a fact that the little one's face were made of so much putty. The structure of which it is composed, even the bones are soft and they are in process of growth. To a great extent the shape they will assume can be modified for better, as well as for worse, while the growing process moves most easily, or so they say, in its very stages.

The extent to which this is practicable is very strikingly illustrated by the artificially deformed heads of the Flathead Indians and of certain Peruvian tribes. These people have skulls of wholly abnormal shapes, owing to the fact that as infants their heads, in obedience to tribal custom, were squeezed out of their proper contour by tight bands.

One often sees a civilized man or woman with a distinct line across the forehead—the mark of a cap worn in infancy. The line is a mark in the bone of the forehead. No plastic mass that bony structure once have been if so strict a pressure



"The constant sucking of a pacifier bends the little teeth outward, and deforms the baby's mouth."

even the bones are soft and they are in process of growth. To a great extent the shape they will assume can be modified for better, as well as for worse, while the growing process moves most easily, or so they say, in its very stages.

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Use of a baby-cap could have perfectly all right on a head. The mothers nowadays are so careless as to tie their babies' heads behind the ears. This practice is not only bad for the baby's head, but it is also bad for the baby's ears. The ears should be kept in their natural position, and the baby's head should be kept in its natural position.

The nasal passages, through which it should breathe, are not treated as by adenoids. Recently in the case of a young girl, the nasal passage has been opened a very wide



"Creeping is the best exercise for moulding baby's body into a thing of beauty."

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Care should be taken not to allow the baby to sleep on a hard surface. The baby should be allowed to sleep on a soft surface, such as a bed or a couch. The baby should be allowed to sleep on a soft surface, such as a bed or a couch.

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"In carrying baby on your arm, be sure that neither of her ears is bent outward."

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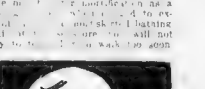
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A knife of the natural hair is a very good exercise for the baby, and it is also a very good exercise for the mother. It is a very good exercise for the baby, and it is also a very good exercise for the mother.

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"If baby is taught to use her handkerchief with her left as well as her right hand, it will help prevent her nose becoming one-sided."

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YOU MIGHT TRY..

To Heal Burns.

BURNS are healed quickly by applying a compress soaked in milk. This should be renewed night and morning.

For that Painful Felon.

FELONS can be cured by dipping the affected part frequently into a hot solution of one gill of vinegar and one tablespoonful of salicylic acid.

SUNDAY AMERICAN EXAMINER PATTERNS

ATLANTIC style, easy many new features. Hollingsworth, Russian blouse and semi-fitted coat with each other for popular favor. Smock and midly blouses are much in vogue both for "grown up" as well as for "baby" wear.

Surplice effects, plaques, tucks and yokes are seen on the new waists.

Princess lines are smart for cool Autumn days. The new styles along this line show a slightly long waist line with "ray" plaques at the side fronts that bring the fulness from the bust toward the underarm.

No. 1435.

A Comfortable Up-to-Date Dress for House or Morning Wear.

Dotted percale in gray, with gird chambray for trimming, is here shown. The style has good lines. The skirt shows the new drape and is cut with comfortable fulness.

The waist is shaped at the right front. The sleeve in bishop style is a good feature.

This pattern is also nice for gingham, linen, voile, poplin, serge, linen, drill or corduroy. It is cut in six sizes: 34, 36, 38, 40, 42 and 44 inches bust measure. Size 38 will require 6 yards of 44-inch material. This skirt measures about three yards at its lower edge.

No. 1446.

Lady's Dress in Semi-Princess Style.

The waist is joined at the sides and back to gored skirt pieces having plaques over the front.

Tab extensions on the panel are tugged over the waist belt. The sleeve is close fitting in wrist, length in short length it is finished with a shaped cuff.

The pattern is cut in six sizes: 34, 36, 38, 40, 42 and 44 inches bust measure. It requires 5 1/2 yards of 44-inch material which measures about 3 1/2 yards at the foot.

No. 1447.

Dress with Smock Blouse and Three-Gored Skirt.

The skirt may be joined to an ordinary waistband or to an underwaist. The sleeve is real smart and up to date, and equally desirable in wrist and short length.

The pattern is cut in three sizes: 12, 14 and 16 years. It requires 5 1/2 yards of 36-inch material for a 14 year size.

No. 1452.

Girl's Dress in Empire Style.

The waist is finished with deep

yards of 44-inch material for an eight-year size.

No. 1238.

Lady's Apron, with Sleeve Protector and Cap.

The apron is cut on broad, comfortable lines and affords ample protection for the dress beneath.

This pattern is cut in three sizes: Small, medium and large. It requires 1 1/2 yards of 44-inch material, and 10 cents for each size.

Eight Attractive Designs Easily Made by the Home Dressmaker.

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ter for the dress beneath. The sleeve protectors are a popular accessory and the cap is good to hold of the dirt, and at the same time it imparts a neat, trim appearance.

This pattern is cut in three sizes: Small, medium and large. It requires 1 1/2 yards of 44-inch material, and 10 cents for each size.

1438

Lady's Overwaist with Body Lining.

The sleeve in wrist length has a

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enters 54 yards of 36-inch material for the apron, 54 yard for the cap and 1/2 yard for one pair of sleeve protectors.

No. 1438.

Lady's Overwaist with Body Lining.

The sleeve in wrist length has a

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does cuff, plaited at the outer edge of the arm and elbow, inner edge smart turnback cuff forms a suitable finish. The collar may be finished with or without the turnover.

This pattern is cut in six sizes: 16, 18, 20, 22, 24 and 26 inches bust measure. It requires 1 1/2 yards of 44-inch material for underwaist and 1/2 yard for overwaist for a 26-inch size.

No. 1439.

Lady's Skirt with Tunic.

This style shows a three-gored skirt, with tunic portions gathered at the top and arranged to form graceful cascade plaques at the side edges. Pointed trimming pieces are added at the sides, but these may be omitted.

The pattern is cut in six sizes: 24, 26, 28, 30, 32 and 34 inches waist measure. It requires 3 1/2 yards for the tunic and 3 1/2 yards for the skirt of 44-inch material for this medium size. The skirt measures about three yards at its lower edge.

No. 1440.

Skirt for Misses and Small Women.

This pleasing design will make a splendid skirt for general wear, for business or sport. It is cut with the prevailing fashionable flare and has the latest side sections.

The pockets are a popular and convenient addition.

No. 1441.

Skirt for Misses and Small Women.

This pleasing design will make a splendid skirt for general wear, for business or sport. It is cut with the prevailing fashionable flare and has the latest side sections.

The pockets are a popular and convenient addition.

No. 1442.

Skirt for Misses and Small Women.

This pleasing design will make a splendid skirt for general wear, for business or sport. It is cut with the prevailing fashionable flare and has the latest side sections.

The pockets are a popular and convenient addition.

No. 1443.

Skirt for Misses and Small Women.

This pleasing design will make a splendid skirt for general wear, for business or sport. It is cut with the prevailing fashionable flare and has the latest side sections.

The pockets are a popular and convenient addition.

Serge, shepherd or honeycomb checked suiting, broadcloth, poplin or voile are excellent materials for this style. It is also nice for corduroy, velvet or silk, and good for linen and other wash fabrics.

The model has six rows and is finished in normal waistline.

The pattern is cut in three sizes: 16, 18 and 20 years. It requires 3 1/2 yards of 44-inch material for an 18-year size. The skirt measures about three yards at the lower edge.

To obtain any of these desirable models fill in the accompanying coupon, and mail with 10 cents POSTAGE.

EACH PATTERN (each number represents one pattern), in silver or stamp.

SUNDAY PATTERNS.

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No woman can afford to be without one of these catalogues, as the illustrations shown therein are practical designs that are necessary for the home dressmaker.

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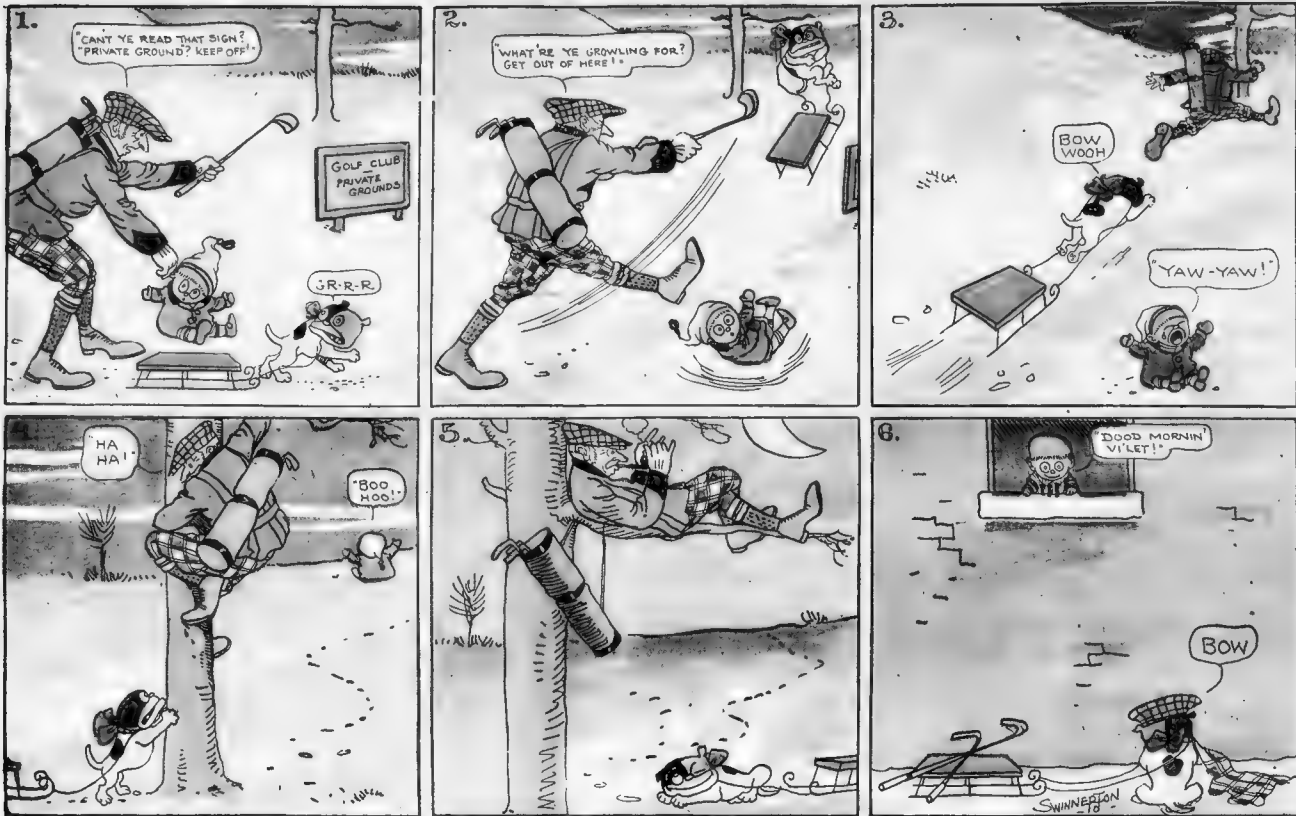
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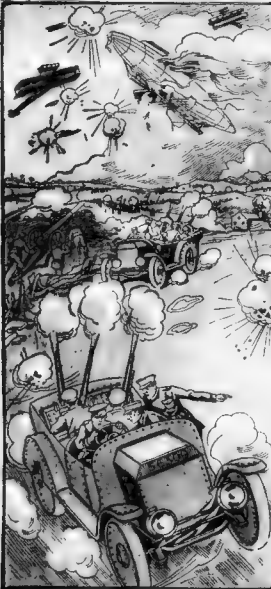
Bad Mans!



***A Real Motion Picture Show in
Your Own Home***

AND

At My House-Tonight



You Can Make Money and Have Fun

Thanks a Thousand Times

I received the Machine a month ago and I am very pleased with it. It is a beauty in every way. I thank you a thousand times for it. I am proud to own it and I have had so much fun with it that I could not write to you before to tell you that I received it. John Crymes
524 Ave. C, Bayonne, N. J.

Fifty Friends Saw It

I received your Motion Picture Machine last Monday and that night showed it. I had about fifty friends. They could not all sit in my theater. I am very proud of my Machine, it is a dandy, and my friends say they wish they could have one too. Alex Mc-
2666 L'Or Id
(last and 9)

These Letters From Happy
Have Offered \$40.00

I do not suppose you remember me, but I am one of the boys who received a Motion Picture Machine some time ago, and will say it is the finest Motion Picture Machine I ever saw for a premium. It shows a beautiful picture on the screen. Well, many thanks to you and I wish that every boy in the United States could own one. I have been offered \$40.00 for it, and could have got more for it. Walter Jones, Yellow Pine, Ala.

20th Century Entertainer
I received my Motion Picture Machine and thank you. I worked it the same day I got it, and it worked fine. I find it a Twentieth Century Entertainer, and I don't think any home is complete without one of your Motion Picture Machines. Henry Thurman, 317 S Johnson St., New Orleans, La.

Boys Sold 300 Tickets

Sold 300 Tickets

I am very thankful for that wonderful March and I think it is the best I have ever had. I am going to have an entertainment today and therefore I have not much time to write letters. I think I will make about \$10.00. I have sold (50) tickets already. Joseph Rauch, 2411 W Broadway, St. Louis, Mo.

Made \$15.00 With

I thought I would write you a few lines to let you know I received my Motion Picture Machine, and it is a beauty. I never saw a better Machine than this. The first day I got the Machine, I started off and made \$15.00 with it. Master J. Hughes, 908 Hamilton, Duquesne, Pa.

A Box of Film With Your Machine

Make Money. Description of this New Model Motion Picture Machine. This Machine is made of Russian Metal, black Japan, eight-wheel mechanism which drives the Motion Pictures; excellent diaphragm lens, triple polished; standard double extra reflector, throwing rays

ard double extra reflector, throwing ray of light many feet, enlarging the picture up to three or four feet in diameter; lamp is fitted with a great safety carbide generator, and produces the highest light power. Has far greater light power than the ordinary electric light, producing 500 candle-power on the screen and bringing out every

A Real Motion Picture Show

The Motion Picture Machine is finely constructed and carefully put together by skilled workmen. It is made of Russian Metal, and is operated by a finely constructed mechanism, has a beautiful finish. The projecting lenses are carefully ground and adjusted, triple polished, standard double extra reflector, throwing a ray of light many feet. The light is produced by a safety carbide generator, such as is used on the largest automobiles. It throws a dazzling white light of 500 candle-power on the screen.

It is not a toy, it is a solidly constructed and durable machine. The mechanism is exceedingly simple and is readily operated by the most inexperienced. The pictures shown by this marvelous Motion Picture Machine are not the common, crude and lifeless Magic Lantern variety, but are life-like photographic reproductions of actual scenes, places, and people, which never tire its audience. This Motion Picture Machine has caused a rousing enthusiasm wherever it is used.

How You Can Get This Great Motion Picture Machine—Read My Wonderful Offer to You. HEREIS what you are to do in order to get this amazing Motion Picture Machine and the real Motion Pictures. Send your name and address—that is all. Write name and address very plainly. Mail to-day. As soon as I receive it I will mail you 20 of the most beautiful premium pictures you

There are fourteen different colors in the pictures, all wrought together in the most splendid manner. I want you to distribute these premium pictures on a special 25-cent offer among the people you know. They cannot get these pictures at the art stores at any price.* When you have distributed the 20 premium pictures on my liberal offer you will have collected \$5.00. Send me \$5.00 to me and I will immediately send you FREE the Motion Picture Machine with com-

50,000 of these Machines have made 50,000 boys happy. Answer at once. Be the first in your town to get one.

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MACHINE IS A
GREATER INVENTION
THAN THE PHONOGRAPH**

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Good for
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Write Name, Street, City and State on lines above

PLEASE
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OUR
MACHINE

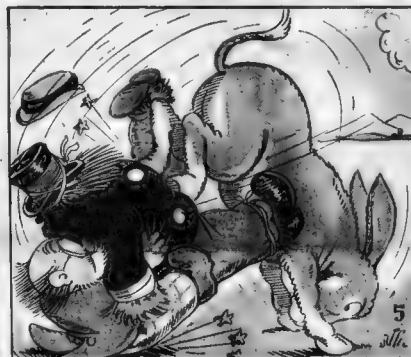


COMIC SECTION OF THE BOSTON AMERICAN

September 26, 1915

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The Original Katzenjammer Kids

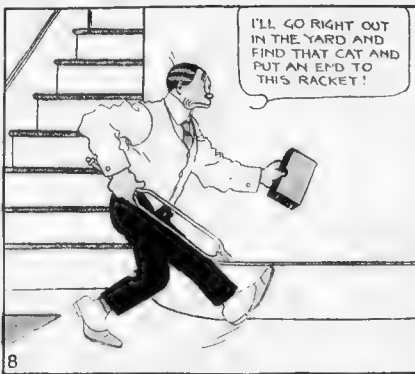
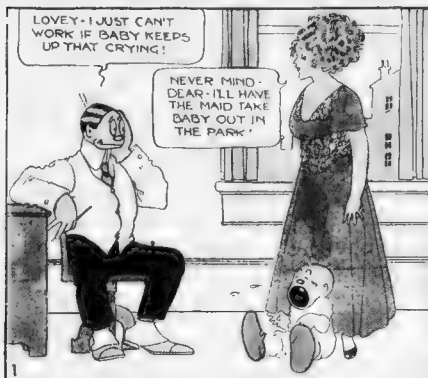




THEIR ONLY CHILD!

Do You Think Papa Would Really Hit Snookums With a Brick?

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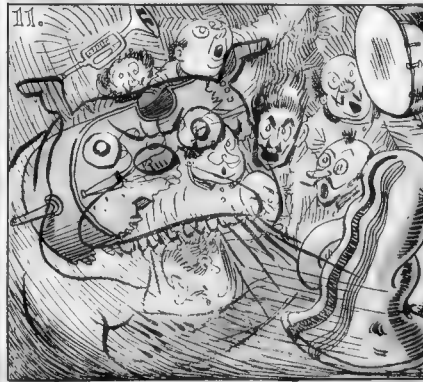
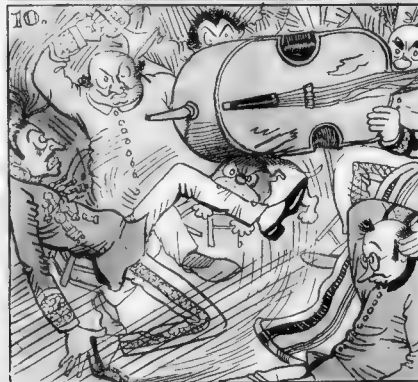
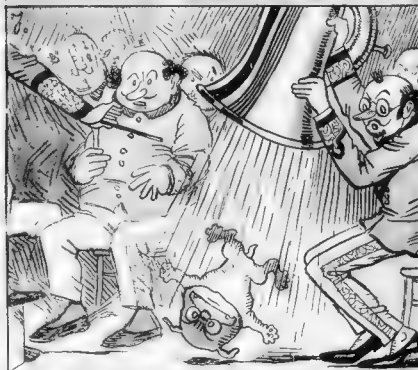
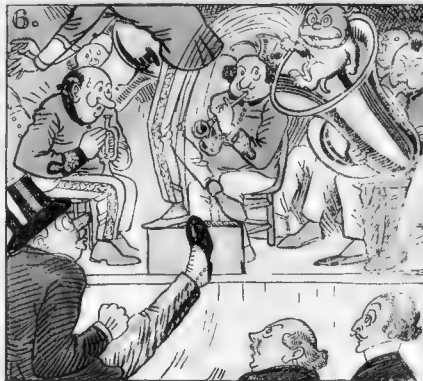


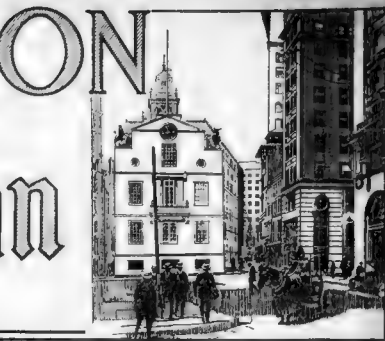


JIMMY

Pinkey Gives Him a Clear Explanation of What a Symphony Concert Is

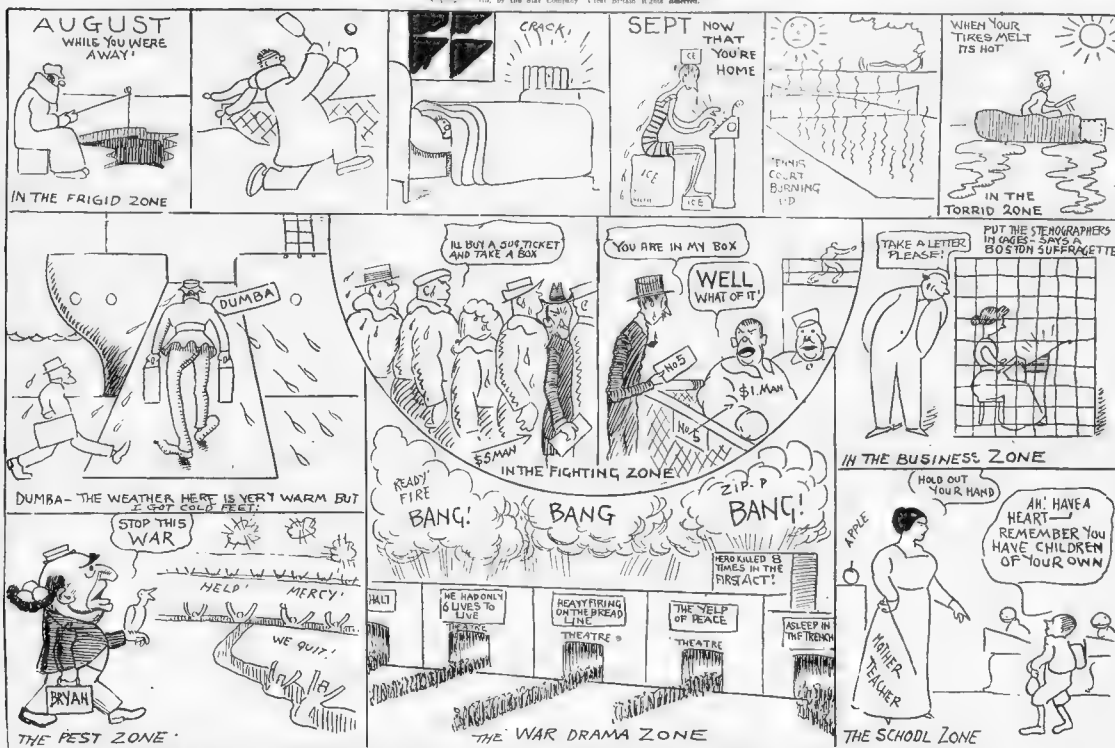
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By T. E. Powers, the Famous Cartoonist

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"When we got to the Yellowstone I was delighted. I met Mrs. De Vinne and her daughter, and the

"Of course, we went to the fair, but you can read all about it in the magazines. We did the whole fair

"In Virginia we stopped at what they said were battlefields. I think Mr. Gadabout believed it. But, my dears, these fields were just as green, and things were growing in them, so how could they have been? You know I've seen paintings of battlefields, and pho-

"By all means see America, mother dear, it is surprisingly large, and there are a number of quite sizable cities in it. Write soon."

Business of Hating a Friend

By Willard Connely

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WINK FISK of Fisk & Fisk, literary brokers and agents for authors, never worried over the vast amount of business not done by his firm. He was satisfied to come down to the office and have a daily argument with his brother, Pink, and never mind whether any trade came their way or not. Old man Fisk had left these two bachelor sons with enough income to stand off the wolf, so why be greedy?

Of course they had business cards, with their games in the upper corners—"Wigney Fisk"... "Plackney Fisk." Then "Fisk & Fisk," and the number, "Fifty-six Fisk Street." (Don't try to say that on high speed.)

Wink made it known in his office that he was always glad to see anybody who came in, no matter whether it was the Secretary of War of the Salvation Army, a vacant college youth with a letter of intro. from his worst enemy, or a man with sumpt to sell. Wink would sit in his chair as serene as a spider, assume complete command, and make his caller talk about everything but business. A book agent had about as much chance showing Wink where to sign as has Bryan chance to stop

the war.

With Wink it was not only pleasure before business, but before and after. And nearly all his pleasure in life was derived from proving to people that they were wrong. He hated vilely any one who always agreed with what he said, to the extent that he often insulted such peace-loving parties merely for the sake of getting them into an argument. Then he'd offer a smoke to his friend and warn him never to look a gift cigar on the band.

That morning the Arabic went down Wink waddled into the frosted glass door of Flisk & Flisk, and bumped into a glance from Pink, also frosted, for it was the genial hour of eleven. Pink always got down on time, and fussed around with papers and letters so that he at least ap-

"Yeh?" exclaimed Wink, rising on tip-toe. He always went up on his

Inside Wink found T. Oswald Zoose, cemetery trustee, who had come to collect for pulling weeds out of the family lot. Zoose might have

Wink's eyes went askew. "Zoose," he said. "I hate you!" With

each word Wink horribly distorted his usually peaceful visage. "You're no idea the good it does me to abominate you, and everything that suggests you. Do you mind being hated?"

Now sometimes it's a very good thing to have a few people in mind whom you hate. Many prefer to be hated by some than admired. Never take offence if a man showers his personal hate at you. Just let him ramble along and he may hand out some very interesting dope on the subject.

"Nup. I don't mind that," said Zoose. "Sail on, old ship of hate. And come up to dinner with me t night. Wife s home. You'll hate her, too." T. Oswald decided to let Wink have his say before he talked business, for he was sorry to Wink's unpolished ways.

"Trouble is, Zoose, men haven't the courage to convict their friends right before their faces. Don't tell a guy you hate somebody else. Tell him you hate him. It's the noblest passion there is, when it's true and honest."

Zeose stood up and opened the door. "Let's settle this thing outside. Come out and have tea with me."

portant. As they entered the little tearoom on the corner, Wink took the object of his scorn by the arm and pointed to a beautiful South American plant which embellished the premises. It had brownish white leaves soft as silk, and had been donated to the place by Wink on his return from Bolivia.

"Zoose," said she, see that sacred plant over on the pedestal? That's my soul. That's the soul of Wigney Fisk. It symbolizes the purity of my intentions.

"I getcha, Wink. Pure hate. Well, I'll take a little pure rye tea. What's the name of your soulful weed? It looks like it'd gamme hay

"Don't ask me its name. It's too horrible. You can't pronounce it, and the name they have for it in Bolivia is worse'n what they call it in the best botanical circles. Just look at the plant and then believe me when I say you have my enduring hate. Here, let me replenish."

"Fisk, I appreciate your theory now. There's too much silent odium in the air. Every man should be notified personally by those who hate

"Precisely. Zoose, you should be elected head of the cemetery trust."

"I suppose you hate my two children? Everybody in the neighborhood does." He gazed wistfully into his empty glass.

"I despise those brats. They take after you. Ask 'em what they want for Christmas."

"The kids may take after me, but beware my dog, Wink. He may

"I'm beginning to see that I'll enjoy life a whole lot better if I start in and hate several of my friends a little more thoroughly," Zoose went

on. "They're spoiled by too much of this inebriate praise. Too many back-biters. Go round pattrin' people on the shoulder, then later refer to 'em as prime thugs. Byron talked of two people who 'bated with a hate found only on the stage.' He didn't know actors very well, or he'd seen that they hated each other worse off than on."

"It isn't necessary to explain why you hate a man, either," Wink said, with gestures, "any more than to give a dissertation on your reasons for being nutty about a woman. Hate is a divine emotion," he

"Well, then, what constitutes an honorable and upright hate?"

"Listen. You gotta be born with a natchrel animosity toward any particular gink, see? Now I hate the very sight of you. I always have."

"Uh huh. When you feel that way, y know you can't go wrong."

"No," said Wink. "Less call it a day. Less go to Fenway Park and see the Red Sox. I hate them, too."

FARRAR WILL COME HERE TO SEE HERSELF

Considers Her Photo-Dramatic
Debut an Important Step
in Her Career.

When she wore the thrills of
Hollywood, she was pleased to
be photographed in the studio
and the camera's eye was directed
at her. But when she was
asked to appear in the photo-play
"Carmen," she was not only
pleased, but she was also
excited. For she was to appear
in the role of the heroine, which
Geraldine Farrar will appear in
the next few weeks.

On next Friday night in New York
Hall, Miss Farrar will make her
photo-dramatic debut. It will be
as a photo-play. With a short
reel of her own work, she will
appear in the photo-play "Carmen,"
which is being produced by the
Lasky Picture Company and released
through Paramount Pictures Corporation.
The photo-play, which will be
shown simultaneously, soon after
the Boston premiere which, however,
will be the only showing in New York
and for some time to come, in first
cities throughout the United States.

Every day Miss Farrar on the
screen will amuse, thrill and enter-
tain more than 10,000 people. It is
every day before the great crowd
of the Harvard-Yale game. And the
crowd of the night, which it will
be Miss Farrar in a show and tell
her herself personally, except as her
personality is transferred to the
screen, which will be seen by Miss
Farrar at the moment hundreds
of thousands are attending her in
motion pictures. She is receiving the
plaudits of concert audiences, as her
long tour under the direction of C. A.
Kilgus will testify.

Viewed in the light, Miss Farrar
enters into the ranks of motion
picture stars of first rank. She has
new worlds to conquer in the number
of persons before whom an individual
may appear within so short a time.
When after the Boston showing of the
photo-play "Carmen," this week other
films will be on exhibition in Chicago,
New York, Philadelphia, Atlanta, San
Francisco, San Francisco and other
cities. Within a month the entire
country will be covered with the
photo-play "Carmen," and motion picture
exhibitors have arranged to continue
the production of their attraction.
It is estimated that in Boston, alone,
where, according to Hall, has a seating
capacity of more than 2,000, that
number during the limited ex-
hibition in the big house will see
the photo-play every day. One of the
largest audiences in Chicago will
see the photo-play. Samuel R. R.
Hall, president of the Lasky Picture

GERALDINE FARRAR IN DRAMATIC PHOTOPLAY SCENES AS CARMEN

Carmen in the cigarette fac-
tory.
Carmen and Don Jose.
Carmen and Escanillo.



Company, said this week that never, there has so great a demand for any of the "Carmen" picture which the
in the history of motion pictures in any country.

MISS CARLISLE WAS ONCE 'THE LITTLEST GIRL'

Actress Who Is Love in "Experi-
ence" Is Protege of Robert Hil-
liard and in Many of His Plays.

Few of those who have seen George
Robert Hilliard have recognized in
the person of pretty Miss Wanda
Carlisle the former child actress who
placed with history stillard so many
years in the past. Yet it is a fact that Miss
Carlisle, once the "Littlest Girl," now
is quite a grown-up young lady, and
is playing the role of love in the
modern morality play which is draw-
ing crowded houses to the Shubert
Theatre.

Miss Carlisle, the daughter of an
actress, was a child actress herself
until last year. She played in New
York in a play of the Shubert theatre,
which aims to protect the little girls
of the stage from evil surroundings.
Little Wanda was just seven years
old when Mr. Hilliard made his mem-
orable vaudeville production of "The
Littlest Girl," based upon the widely-
known short story by Richard Harding
Parker and included in the famous
Van Bibber series.

Those who have seen the play or
remember the story will recall that
the man about town picks up the
little girl behind the scenes of a
big musical extravaganza, finds that
she is the daughter of his lost friend,
through an unhappy marriage with an
actress, and takes the child home to
her father at 5 o'clock in the morning.

The picture of Mr. Hilliard, in im-
maculate evening dress carrying the
sleeping child in his arms, was a
stage spectacle too, to be forgot-
ten. It was the last of his career as
an actor, and takes the child home to
her father at 5 o'clock in the morning.

Well, little Miss Wanda was the
child he carried on his arms that
night and at daily morning. The
actor became a father to his little
leading lady, who has practically
adopted her as his protegee and for
the past eight or nine years, has di-
rected Miss Carlisle's professional
appearance, and has used her in his
stage productions wherever he could
always call her "My little pro-
tegee."

Among the plays which Miss
Carlisle has appeared with Mr. Hil-
liard are "The Littlest Girl," "A
Man of the Sea," "The Avenger," and
"The Avenger."

She played in "The Avenger" a
child in a play of the Shubert theatre,
which aims to protect the little girls
of the stage from evil surroundings.
Little Wanda was just seven years
old when Mr. Hilliard made his mem-
orable vaudeville production of "The
Littlest Girl," based upon the widely-
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Those who have seen the play or
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through an unhappy marriage with an
actress, and takes the child home to
her father at 5 o'clock in the morning.

WANDA CARLISLE IN "EXPERIENCE"



George V. Holart, author of "Experi-
ence."

Amusements. Amusements. Amusements. Amusements. Amusements. Amusements. Amusements. Amusements.

55 MINUTES FROM BOSTON

ROCKINGHAM FAIR

SALEM DEPOT, N. H.

TUESDAY "New Hampshire Day"
WEDNESDAY "Mayors' Day"
THURSDAY "Governor's Day"
FRIDAY "Massachusetts Day"

OPENS TUESDAY

THIRDS DIRECT TO FAIRGROUNDS
LEAVE NORTH STATION
8:01 A.M., 9:23 A.M., 10 A.M., 11:05 A.M.,
12 Noon, 12:25 P.M., 1:15 P.M., 3 P.M.

GREATEST OF ALL NEW ENGLAND FAIRS

\$15,000 AGRICULTURAL SHOW

\$10,000 STAGE SHOW

\$10,000 HARNESS AND THOROUGHBRED RUNNING RACE MEET

BABY SHOW DOG SHOW POULTRY SHOW—AUTOMOBILE SHOW—WOMAN'S EXHIBIT FISH AND GAME EXHIBIT
100 OTHER FEATURES

SEE FUIST In His Thrilling, Death-Defying Dive from 85-Feet Ladder into Wooden Chute Without Water

ADMISSION 50 CENTS PERSONAL DIRECTION—CHESTER I. CAMPBELL CHILDREN FREE ON TUESDAY



Remarkable Experiment with
High-Prized Films Now
Under Way.

By HARLOW HARE

THEATREMAN'S EXPERIMENT. The theatre is now being used for the purpose of showing high-priced films. This is a new experiment, and it is being carried out in a number of theatres. The films are of a high quality, and they are being shown in a way that is new and interesting. The experiment is being carried out in a number of theatres, and it is being carried out in a way that is new and interesting.



TRENTON FIGHTING SCENE FROM THE BIRTH OF A NATION.

Attractions at the Theatres

Boston Theatre.

The Bridge, or The Bridge of the Gods. A new play by the author of "The Bridge of the Gods." The play is a new one, and it is being shown in a way that is new and interesting. The play is a new one, and it is being shown in a way that is new and interesting.

Franklin Park Theatre.

The Birth of a Nation. A new play by the author of "The Birth of a Nation." The play is a new one, and it is being shown in a way that is new and interesting. The play is a new one, and it is being shown in a way that is new and interesting.

Park Theatre.

The Birth of a Nation. A new play by the author of "The Birth of a Nation." The play is a new one, and it is being shown in a way that is new and interesting. The play is a new one, and it is being shown in a way that is new and interesting.

Modern Theatre.

The Birth of a Nation. A new play by the author of "The Birth of a Nation." The play is a new one, and it is being shown in a way that is new and interesting. The play is a new one, and it is being shown in a way that is new and interesting.

Strange Accident to Edmund Bresse

Edmund Bresse, a well-known actor, has been involved in a strange accident. The accident occurred while he was performing on stage. The details of the accident are being investigated, and it is expected that the results will be made known in the near future.

FIRST SALE OF SYMPHONY SEATS BEGINS MONDAY

Under the New Plan, Purchasers Can Retain Same Places for Years.

As a consequence in many years has been the result of the new plan. The new plan is a new one, and it is being shown in a way that is new and interesting. The new plan is a new one, and it is being shown in a way that is new and interesting.

The new plan is a new one, and it is being shown in a way that is new and interesting. The new plan is a new one, and it is being shown in a way that is new and interesting.

Exeter Street Theatre.

The new plan is a new one, and it is being shown in a way that is new and interesting. The new plan is a new one, and it is being shown in a way that is new and interesting.

Franklin Park Theatre.

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Park Theatre.

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Modern Theatre.

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Amusements.

The new plan is a new one, and it is being shown in a way that is new and interesting. The new plan is a new one, and it is being shown in a way that is new and interesting.

Noted Artists for Tremont Temple Course

Brilliant Program for the Fourth Season

Some of the principal artists who are to be heard this Winter in the Tremont Temple Course.



Some of the principal artists who are to be heard this Winter in the Tremont Temple Course.

The Tremont Temple Course is a new one, and it is being shown in a way that is new and interesting. The Tremont Temple Course is a new one, and it is being shown in a way that is new and interesting.

Amusements.

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Amusements.

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PICK LAST ACT OFF THE SCREEN

Frederick Perry Tells How Great Scene in "On Trial" Came as an Inspiration.

Frederick Perry, the author of "On Trial," has been inspired by the scene in the play. The scene is a new one, and it is being shown in a way that is new and interesting. The scene is a new one, and it is being shown in a way that is new and interesting.

Mme. Melba to Be Here October 17

Mme. Melba, the famous soprano, is coming to Boston. She will be performing in a number of operas. The performances are a new one, and it is being shown in a way that is new and interesting. The performances are a new one, and it is being shown in a way that is new and interesting.

MUSIC NOTES

The music notes are a new one, and it is being shown in a way that is new and interesting. The music notes are a new one, and it is being shown in a way that is new and interesting.

Amusements.

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Amusements.

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Paramount Picture PROGRAM

HERE'S our list for this week a program planned to please people who want the best and know where to come for it

DONALD BRIAN,
In "The Voice in the Fog."

MARIE DORO,
In "The Morals of Marcus."

Plus Other Good Things

PARK THEATRE
BIG SUNDAY CONCERT

Castle Sq. Theatre Phone 5300.

The Craig Players
In GEO. M. COHAN'S Extraordinary Play

The Miracle Man

IMPRESSIVE! THRILLING!

Matinee Every Day at 2:10
Evenings at 8:10
BRANCH TICKET OFFICE
VORONKOV'S, 15 WINTER ST.

NEXT WEEK
The Blindness of Virtue
Reappearance of Mary Young

PARK SQUARE THEATRE FRANK E. WRIGHT, MANAGER

A HIT in the BULLS EYE OF LAUGHTER
SELYN & CO'S
FESTIVAL

TWIN BEDS

By SALISBURY FIELD
PRICES 25c to \$2.00

WED. MAT. 25c to \$1.50

SPECIAL
Oct. 4-8-7-8 at 2:15 p. m. Oct. 9 at 11 a. m.
A DISTINCTIVE NOVEL ENTERTAINMENT

THE FASHION SHOW
An exhibition through Living Models and Screen Settings of the most recent dress innovations. Prepared under the direction of Mrs. ELLER ALSTROM
SEATS ON SALE TUESDAY. PRICES 50c to \$2.00

"Your Young Men Shall See Visions"

"Your young men shall see visions, and your old men shall dream dreams." Acts II, 17.

SOME Americans, fortunately, still dream dreams when they are old, and see visions when they are young, in the higher meaning of this text.

The old dream of a better day, when this earth and its civilization shall take care of the earth's children and do away with poverty and unhappiness. They dream dreams of their children's future, of good work for their sons, noble lives for their daughters.

The young men worth while see visions worthy of men. They work hard, and look ahead determined to do their share of the work which the world needs to have done, grateful for the past and earnest in the present.

The **CHARACTER** of to-day and the **PROGRESS** of to-morrow are built upon the old men who dream dreams and the young men who see visions of ambition and accomplishment.

But unfortunately, like the worm in the apple, the moth in the cloth, we have only too plentiful the young man in this picture and **HIS** vision.

This seer of visions is found in every office, in every store, at every kind of work.

And we print this picture that the poor, worthless, self-pitying, complaining type of young American may see himself as he is.

He thinks he spends the day at work. But he really spends it avoiding work.

Merely going through the motions, "getting by," as the lazy ones call it, is not working.

There is no real work or progress except in concentration. And bear this in mind, young men—there is **NO KIND OF WORK** that will not give a man promotion and success if he really puts his heart into it.

"Work as Nature works, in fire," said the great Italian. That applies not only to extraordinary genius but to moderate success.

There is no heat **UNLESS THE FIRE IS BURNING**. There is no real **WORK** unless the worker burns with ambition and enthusiasm as he works.

The lad in this picture represents, unfortunately, three-quarters of all the young men in the United States. That is why there is so little real interest in public affairs. That is why dishonesty can rule where indifference and idleness abound.

That is why employers look with surprise at an ambitious worker, one whose ambition outlasts the first week or two.

There are a million at the foot of the ladder, and this boy with his vision of self-indulgence and general worthlessness is in the crowd at the foot.

There is plenty of room at the top of the ladder, plenty of room even half way up.

How many of you are going to climb? How many are going to stay at the bottom, lazy and worthless during your working hours, miserably commonplace in your visions, as free from ambition as an animal waiting in its pen to be fed?

Let no man excuse himself by saying that he has "no chance," that if he had "the opportunity that others had" he would succeed, that there is no promotion where **HE** works, or other nonsense of that kind.

The successful men are nearly **ALL** men who "had no chance."

They **MADE** opportunity. We could quote to you one after another a thousand of the best-known successes in the world's history, and in every case you would find success coming in spite of lack of opportunity.

But we shall give you an example that should interest young men much nearer home.

You see the picture on this page, and you know well the signature on it.

This picture is made by a young man who certainly had as little chance as any other young man in the country.

His father was dead, and when he was only a young boy he was the worker for a family of six children younger than himself.

He worked at a trade in the beginning, and needed both his hands for his trade. He had a talent for drawing, and amused his fellow workers by making clever caricatures of them at their work.

One day one-half of his right hand was cut off by the machinery while he worked, and that kind of work was impossible for him.

How do you think your case compares with that of this particular man? He had lost the right hand upon which his living depended. He had had no especial education, only a few years in the elementary public schools.

He had a mother and half a dozen young brothers and sisters who depended upon him.

But **HE WAS NOT LAZY**, and his was not a lazy "vision."

His right hand was hurt, he could no longer work with it, so he taught himself to draw with his **LEFT** hand.

Take your pencil in your left hand, try to write your name with it, try to make a picture with it. That will give you some idea of the patience, the determination to succeed that this particular young man "**TAD**" must have possessed when he could no longer work as a mechanic, and made up his mind, although he was right-handed, to earn a living making pictures with his left hand.

He **DID** learn to make the pictures, and you have seen many of them.

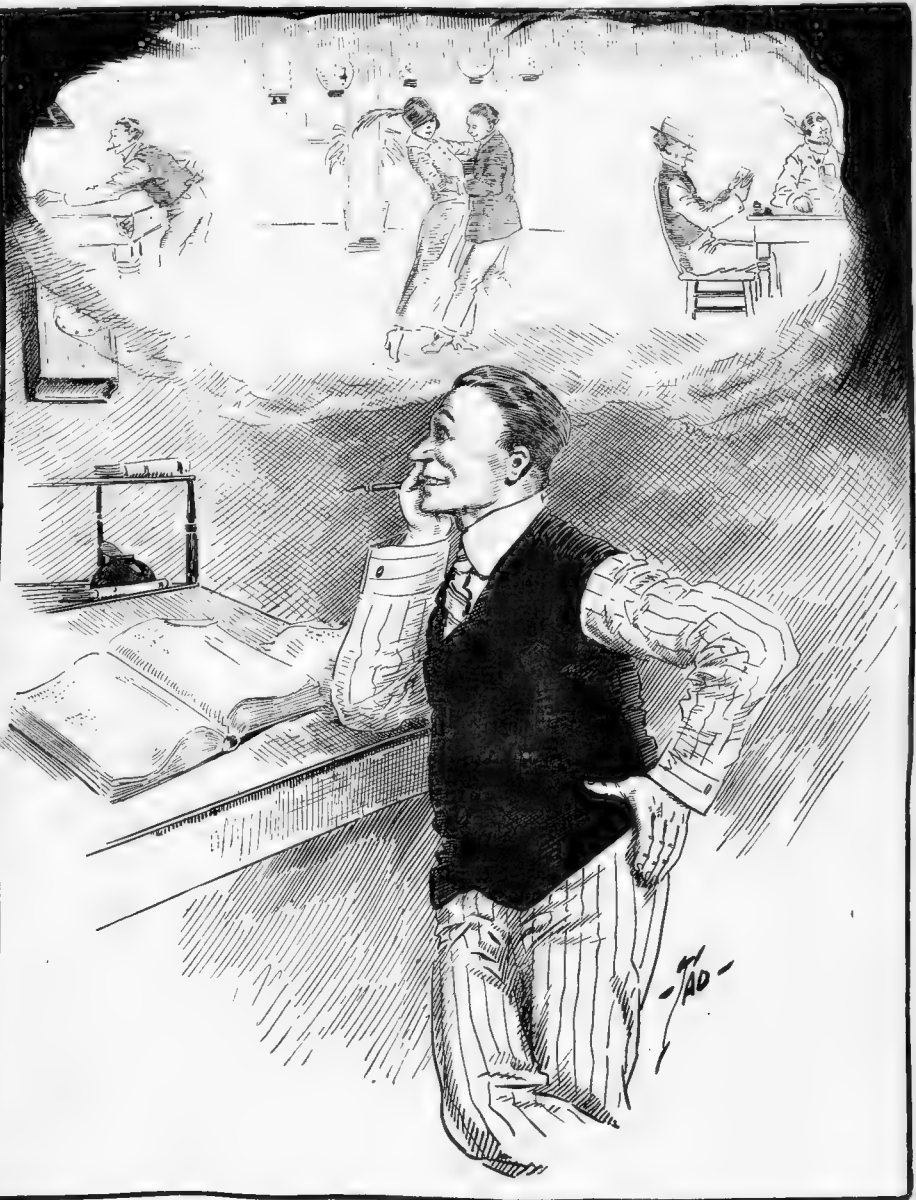
When he came across the Continent from San Francisco to work for this newspaper, at a time when he was beginning to achieve success, he brought his mother and his six young brothers and sisters with him, and would come on no other condition. If you happen to see him now on his way to or from his work you will see a very humorous, earnest young Irish-American, driving a large five-thousand-dollar automobile **EARNED WITH THAT LEFT HAND AND AN EARN-EST MIND**.

We give you the case of "**TAD**" as an example, instead of quoting one of the big names in history.

"**TAD**" succeeded because, although he didn't begin with an education given to him by somebody else, he got an education for himself. He read good books, studied lives of great men, would not yield to fate or whine about "not having any chance." So he is one of the successful men in his line of work to-day, making a large income, owning his own home, caring for his mother, brothers and sisters and permanently prosperous.

What this young man did thousands of other young men can do. But, young men, you can't do it idling away your time at your work, dreaming of foolish pleasures to come, and seeing visions of this kind.

This is not written for employers or for successful men. It is written for the man in this picture, for the hundreds of thousands of young Americans who **MIGHT** be something, and who will amount to



This, Unfortunately, Is the Kind of "Vision" Seen by Too Many of Our Young Men To-day. Their Intellectual Vision Reaches First to the Clock, Wondering When It Will Be Time to Stop Work, Then to the Foolish Amusements That Follow a Lazy Day. In This Country About a Million Young Men Are Like the Boy in This Picture. They Are Amazed at Their Lack of Success, at the Ingratitude and Lack of Appreciation Shown by Employers, etc., etc. If They Could Read the Life of One Successful Man They Would See What They Are Not. If They Could Understand the Soul Yearnings of a Small Pig Waiting for the Swill to Come Around They Would Know What They ARE.

nothing but complaining failures because they see visions of self-indulgence instead of visions of ambition.

Let the young man who is not a success and who has been blaming something or somebody else blame **HIMSELF** for a change.

And let him notice the talk of the young men about him.

How often have you heard a young man in your office or your shop or your store talk with another about "**HIS WORK?**"

How often have you heard a young man say, "I think I am improving in my work. I intend to study when I get home. I wish I knew what books I should read. If I am not getting ahead faster it is my own fault. The man who owns this place had less of a chance than I have."

Have you **EVER** heard talk of that kind? If you have, it is exceptional.

But a thousand times you have heard foolish, empty talk about this young man's weaknesses, of the attraction of

that young woman, or the dance or the picnic or the ball game—anything under heaven except what might help a **BOY** to grow into a **MAN** and be worth while.

Young men, there is room at the top for him who "sees visions." The vision that he sees must be one of ambition, of idealism, and he must be willing to work for the realization of the vision, to put all of his soul into his task, all of his body, all of his nervous energy—willing to "work as Nature works, in fire."

Comment Upon a German Prediction that Germany's New Christianity "Will be Particularly Attractive to Heathens."

The Famous English Essayist and Moralist.
A PROMINENT German journalist. In dis-

Why Not Treat Prussia

His views seem to me singular in themselves, and especially singular in him. He seems to rebuke those who hope for a final

I should agree with Mr. Buxton on the general rule that no European nation should be reduced because it is defeated. But I cannot understand why he should see that the Turkish nation is an exception also. There are exceptions for this vital reason, that they do not reciprocate a nationalist toleration. They will not place their community inside the European community; they are always outside it, whether as conquerors or as conquered. They have no reciprocal above all national affections upon a supposed supernatural right, now a thousand years old and only now beginning to wear thin. The Prussians put themselves above all national affections upon a supposed natural right, which is now only fifty years old. The natural right is more unnatural than the mystic one.

The profound impossibility of Prussia con-
 ceiving ultimately in this that she has broken an

Only one dogma will always remain sacred, 'the dogma of the German's superiority. Only one duty will never be lifted off him: the duty of praising himself. He is free to do everything except repent.

“The Youths Sent to the Shambles in Europe Are Just Those Who Should Not Be Surrendered to Death Until They Have Fulfilled Their Primary Function to the State,” Protests England’s Distinguished Literary Countess, Outlining How She Would Fill Their Places on the Firing Line.



By the Countess of Warw

real forces for which men strive; until war broke out their young lives were still supposed to be under the protection of their parents.

DO NOT KILL CALVES—rear them; it is well worth it.

read my plea he would disavow any shadow of sympathy with it, but I am concerned for the country and not for him. He has a duty toward civilization, he is well-bred, highly trained

only waiting the call that will break through its dream. I am not so bold as to believe that I can utter it, but I may perchance stimulate some more gifted pen.

**Allies Will Fight on
Without any Thought
of Compromise, for
Many Years Unless
Germany Can Invade
England and Capture
London.**

The Noted Military Inventor and Author.

The great Germanic people of the German and Austrian empires, after the unification following the successful war with the French, have been forging forward by leaps and bounds.

Let not the Allies to-day continue to under-

well worth it.

country and not for him. He has a duty toward civilization, he is well-bred, highly trained

can utter it, but I may perchance stimulate
some more gifted pen

Let not the Allies to-day continue to under-

How to Have Health and Muscles Like Mine — By Jess Willard.

By Jess Willard

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IN my opinion rowing produces the best shoulder and arm development of any of the athletic exercises I can think of. But I realize as I write this that few boys and girls who do not belong to an expensive rowing club are able to gain its advantages. It costs quite a little to own your own "shell," and then again few of my readers, I imagine, could find the time to indulge in this exercise, even if they could afford it. Rowing, too, unless you belong to a gymnasium where indoor rowing machines are provided, cannot be indulged in during the winter months. I therefore base this article to-day on a description of an exercise that produces exactly the same muscular effects as rowing or sculling, and which does not require any apparatus.

On either side of one of the doorways to your room fasten big screw eyes, and be sure that they are firmly fastened, for if either one of them should give way during the lesson you might be badly scratched up. To the screw eyes fasten short pieces of knotted rope that you can get a good grip on, and then you are all ready to start in.

My big picture illustrates the first movement of the exercise. Lean forward as far as you can, gripping the pieces of rope lightly and rising on your toes. Then pull back until you assume the position shown in my second picture. The two movements are almost identical with the motions that a sculler goes through in his shell with the added advantage to the indoor pupil, however, of presenting an opportunity of exercising the feet and ankles.

Better and more thorough exercise can always be obtained in a standing position. A rower because he is sitting down all the time is unable to bring into play all the muscles of the body. In my exercises illustrated to-day the pupil should work vigorously. When you rise on your toes and lean forward push with all your might. Then fall back quietly and pull as hard as you can on the pieces of rope. Go back and forth from ten to twenty times until you are in a perspiration. Then stop for a moment, rub yourself quickly with a coarse towel and take up other exercises that you have included in your programme.

The man or woman with hollow chest, round shoulders and weak back will find this exercise of wonderful benefit. It is not an extremely tiring exercise, and you will find that after the first week you will be able to indulge in it as much as thirty-five movements each day.

A little stiffness across the chest and through the back muscles may be noticed after the first day or two, but do not let that keep you from continuing the exercise. The very fact that you get this stiffness of muscles tends to show how much you need to exercise.

The girl in the top picture is illustrating a rather novel exercise for girls with weak backs and round shoulders. It consists simply in bending back over a chair as illustrated. Lean back as far as you can, then raise the head and bend down towards the ground.

This exercise should be done slowly and carefully and not vigorously as with the other exercise I have just described to you. It is a good waist-line exercise and will tend to reduce the abdomen.

In my pulling and pushing exercise that I have described to you I would take a deep breath while pushing and let out the air while pulling backwards. If you follow my instructions and move backward and forward quickly and vigorously you will not be compelled to hold your breath for any great length of time, which is not good for you, in spite of notions to the contrary.

It is a favorite form of amusement among boys, and sometimes men, to have breath holding contests. That is to say two men or boys will try to see which one of them can hold their breath the longest. They strain and strain until their temples feel like bars of iron. The one who holds his breath the longest naturally he has accomplished something wonderful.

As a matter of fact, instead of strengthening his lungs he has probably strained them, and besides the effect on the blood vessels of the brain is extremely bad. A sudden strain brought on in this manner leads to a weakening or distortion of the blood vessels which, later on in life, invites apoplexy.

Here is an extract of a letter received from R. O. Allen, head of the Allen Academy for Boys, in Bryan, Texas.

"I have been for fifteen years making, I fear, a losing fight on the cigarette habit in our

The Twentieth
of an
Instructive and
Valuable
Series of Remarkable
Athletic Lessons
and Health Hints for
Men, Women,
Boys and Girls,
Written for This
Page by the
Physical
Champion
of the World

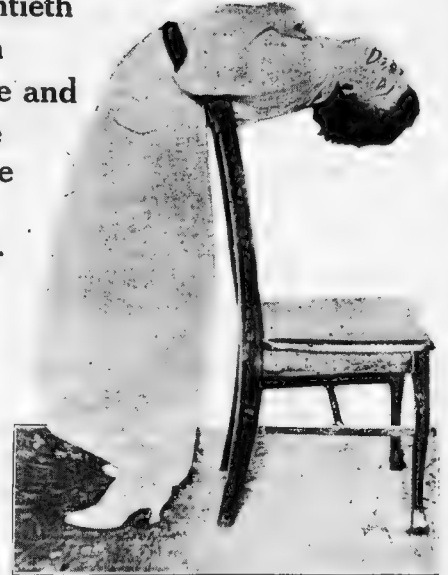


Photo. By COATES, STUDIO N.Y.
The Girl with a Weak Back or Round Shoulders
Should Practise This Exercise.

boys' school. Any assistance you may render will be first to the boys themselves, next to a grateful teacher of boys."

Now, although Mr. Allen has given me a "rough nut to crack," his letter is written in such sincerity and contains such a real appeal that I'm going to tackle his question in earnest, and don't forget that my advice is intended for all of you boys whether you ever heard of the Allen school or not.

There isn't anything in the world that will make a boy restless, temptation quicker in one direction than to hold out temptation in another way. If a boy's evil temptation lies in the cigarette habit the thing to do is to offer him some beneficial or harmless temptation that will overshadow the other.

I do not believe Mr. Allen or anyone else can hope to get results unless he handles each case individually. He must study each cigarette smoker and find out in what branch of athletics he has the most interest. For instance, Mr. Allen may find that ten cigarette smokers boys like boxing. Let him get his cigarette smokers and other boys interested in boxing who do not smoke, and divide them into classes according to their weights. Let him offer a cup or a medal, or something else that will tempt them, to the boy who proves to be the best boxer at the end of the term.

Let him include cigarette smoking in the violations of the rules in the boxing class. Any boy caught smoking loses a certain number of points, just as if he had been defeated on points in a boxing contest. If a boy likes to box and finds himself naturally adapted for it he will give up cigarette smoking or anything else to beat "the other fellow." If he won't be it no good at all and not worth bothering with.

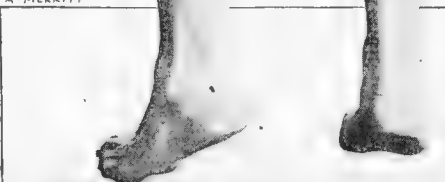
Of course it must be understood that this same system can be followed in any form of athletics, not boxing alone. But the boys must have an incentive—or a temptation, as I put it before—to keep them earnestly at their athletics.

It is useless except in rare cases to preach to boys about the evils of smoking. The fact that cigarettes cloud their brains, stunt their growth and warp their minds does not impress them because the harmful effects are slow in appearing, and also so many of their elders are continually setting them a bad example, even, probably, in their own homes.

So I repeat—make it so attractive to them to stop smoking cigarettes that they will willingly give them up. After they have become interested in some favorite branch of athletics they will have no desire for "cotton balls," which is about the truest nickname ever given to an exciting evil.

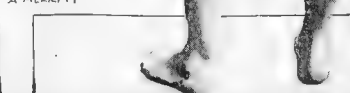
Willard's next article will be on dumbbells. In it he goes into detail concerning the proper weight ball to use and describes a number of simple exercises that are properly illustrated. Watch for it next Sunday.

Photo © by
A. MERRITT



No. 1.—"Lean forward as far as you can and rise on your toes."

Photo © by
A. MERRITT



No. 2.—"Pull back as far as your arms will let you. Do this quickly and vigorously."

Sunday
Sept. 26, 1915

Governor of Massachusetts

could improve your company's ability to

In an astonishingly long list of manufactured articles needed by every family and in every home—shoes, clothing, furniture, tools and machinery for farm and kitchen use, and many other necessities and comforts—New England manufacturers have been the pioneers and New England enterprise and inventive ingenuity and the skill and efficiency of New England mechanics have kept their products ahead of the goods produced by rivals and imitators elsewhere, both in quality and

The same thing is true to a more limited extent in regard to much of our food supply, excepting of course the great staples of meat and wheat and the products of warmer climates than ours. Nowhere else can apples, peaches, pears and small fruits of quite so fine flavor and quality be grown and their nearness to market makes it possible for the city consumer to get the full benefit of this superior excellence.

We are importing vast quantities of perishable garden produce which would be better and more wholesome if raised on our own suburban

But in addition to these obvious advantages there is a less evident but even more important indirect benefit to be gained if New Englanders generally would give a preference to New England products. As I pointed out in this year's inaugural address to the Legislature, New England—espe-

In giving preference in our purchases to New England products we are doing our part as consumers—and a most powerful part—to make possible still further progress in social welfare and to remove all danger of reaction. This is an object well worth aiming for, even at a financial sacrifice. How much more readily should it be sought when, as I have said, it really means no sacrifice at all but a positive money saving and better values for every dollar spent.

By ELMER J. BLISS, variety of commodities ranging all way from buttons to britches—commodities developed at a rate which, by rail, the merchandising, and all the other business activities of New England.

production embraces a marvelous variety. Paper, hardware, machinery, tools, wire goods, cutlery, etc.,

feature for world trade than New England is. This statement is true, every, today, for there is a great

to the greatest present need of American business life. When we compare our local trade we

expected the Federal Trade Commission to make possible, but we are not communis-

President of the Boston Chamber of Commerce.

President of the Boston Chamber of Commerce.

But this is not a forecast of our best years. Trade today. Nor a forecast of demand of the post-war American ship. Nor of our country's economy in the best of six months or so. The outbreak of war at sea. The future of New England, and the things that are its present the factors that are going to make for a prosperity even better and more permanent than anything that war orders could hope.

This model New England factory production is more than two and a half times the total United States exports of manufactured goods. It is one-seventh the total manufactures of the United States.

It represents not only the vast milling capacity measured by these figures, but it stands also for the enormous buying capacity of the people, which makes this wealth of goods mean not only the wage earners in the factories, but also the infinite organization of business which is called into being by this industrialism—the finance, the commerce, the traffic by water

But New England's industrial supremacy does not rest on one or two specialties. To say and one of the pre-eminent concentrations in reckoning our strength is the diversity of our industrialism. New England's

This suggests that there is no section better equipped to manu-

[illegible][illegible]

**NEW ENGLAND MUST MAKE
CO-OPERATION REAL.**

We have that opportunity in our
region. We have factories. We
have the skilled labor we lack the
United States. And we have
the capital. We have the
work, not only in the co-operative
furnace trade products which is

[illegible][illegible]

What Boston Port Means to the Six New England States

By EDWARD F. McWENNEY,
Chairman of the Directors of the Port of Boston.

The prosperity of Massachusetts and New England both depend upon the port of Boston.

The people of Massachusetts, of New England and the whole United States and Canada do not know or value the port of Boston as they should. It is equally true whether this raw material comes from abroad or from other parts of the United States. In either case, it comes through the port of Boston. And why? Because by coming through the port of Boston this raw material secures a cheap freight rate, for the movement of cargo by water is ever so much cheaper than by land. There is no right of way to be bought, no road to be built, no taxes to be paid for the use of the sea as distinguished from the burdens borne by the railroad on land, all of which are paid for by the shipper or the consignee and then by the inevitable consumer—the public.



EDWARD F. McWENNEY.

Coming through the port of Boston is Metropolitan Boston business. Ninety-five per cent of it is either to or from interior Massachusetts or New England and points outside the Metropolitan District—raw materials going inbound and the finished product outbound. Consequently Metropolitan Boston, which pays one-half of the cost of port development at Boston, gets less than one-tenth the direct benefit therefrom. The port of Boston serves, and serves faithfully, all the other five New England States, like those at Lowell and Lawrence; to the cotton mills, like those at New Bedford and Fall River; to the hemp and bagging factories, like those at Plymouth and Ludlow; and to the paper mills, like those at Springfield and Holyoke.

ONE-THIRD OF STATE TAX PAID BY BOSTON.

The port of Boston gives a distinct but sometimes unappreciated service to the interior manufacturing towns of Massachusetts and New England.

Boston pays one-third of Metropolitan Boston one-half of the State tax, which means that these two units pay the same proportion of the cost of port development at Boston. Less than one-tenth of the business of freight coming and go-



EDWARD F. McWENNEY.

ing through the port of Boston is Metropolitan Boston business. Ninety-five per cent of it is either to or from interior Massachusetts or New England and points outside the Metropolitan District—raw materials going inbound and the finished product outbound. Consequently Metropolitan Boston, which pays one-half of the cost of port development at Boston, gets less than one-tenth the direct benefit therefrom. The port of Boston serves, and serves faithfully, all the other five New England States, like those at Lowell and Lawrence; to the cotton mills, like those at New Bedford and Fall River; to the hemp and bagging factories, like those at Plymouth and Ludlow; and to the paper mills, like those at Springfield and Holyoke.

Other ports may be greater distributing ports for coal, but Boston, with annual receipts over 7,000,000 tons a year, of which only about 200,000 tons come by rail and the rest by water, is undoubtedly the great coal receiving port in existence. The great bulk of these seven

millions of tons is for those same interior Massachusetts and New England cities and towns which frequently do not understand or appreciate just what the port of Boston means to them and their prosperity.

BOSTON FIFTH LARGEST PORT IN THE WORLD.

Massachusetts and New England should be proud of Boston, for the latest figures available, those for 1910, show that Boston, with over 12,000,000 net tons of shipping entering the harbor, is the fifth largest port in the world, ranking after New York, London, Hamburg and Rotterdam and ahead of such famous ports as Antwerp and Liverpool.

By this it is not meant that the foreign trade of Boston is larger, but that the combined shipping, foreign

and coastwise, of Boston is greater than the combined foreign and coastwise shipping of the famous commercial ports of Antwerp and Liverpool. The figures upon which this statement is based were secured from the Rotterdam Chamber of Commerce and from the Port of London Authority.

There has been altogether too much petty jealousy and rivalry in the past by smaller ports located in proximity to the larger ports. It is not generally appreciated that in order to be a real large port something more is necessary than a location on or near the water front.

The history of most great ports of the world indicates that a location on the water front is sometimes just what is not necessary. Hamburg, for instance, is located 45 miles up the Elbe River; Liver-

pool some miles up the Mersey; Manchester had to build a canal at a cost of \$10,000,000 before it could do business as a port; Bremen is 45 miles up the Weser River; Rotterdam, 15 miles up the Meuse River; Antwerp a considerable distance up the Scheldt; and so it goes. All of these ports have to spend millions of dollars deepening channels and making their harbor deeper and deeper, with which result Boston has for the mere asking—a location on deep water, with good channels and approaches to and from the open sea.

PORTS MEAN COMMERCE AND ALSO PROSPERITY.

Which is given one freely or gained with no effort oftentimes is not fully appreciated. Massachusetts and New England do not

appreciate the Port of Boston and its value to them.

At the present time, the great countries of Europe are struggling for what? Ports! Just ports, because ports mean commerce, and commerce means prosperity. For this reason, the great powers have been striving for years to secure an outlet into the Mediterranean Sea.

Antwerp has long been a thorn in the side of Germany, being located between Germany and the North Sea, and securing much of the Rhine River commerce coming down through Belgium. Austria has secured Trieste from Italy. The Italian War of a couple of years ago was fought out over this very same matter of ports and commerce, and the allies are fighting just as hard to retain ports as the

German and Austrians are to gain them.

By means of its location, the port of Boston affords the manufacturer and merchant water competition with the rail carrier, and as a result the freight rates down to New England are kept low so that New England can get raw materials and its finished product out, all to be marketed in competition with mills and factories located in other sections of the country and to other countries.

To have such a port really efficient, it is necessary that it be a traffic center, not a place where railroads get in and out again; not where they all go, in and discharge or take on their freight; where there are freight yards, freight sheds, wharves, docks and piers, and a metropolitan city to transact the details of the business; a place where can be concentrated the freight from an immense district, or, if needed, from the whole country, there to be exchanged with a like amount of freight coming in for local use and consumption or transshipment.

BIG CARRYING CAPACITY OF MODERN STEAMSHIPS.

When we consider the immense carrying capacity of the steamships of today, with ability to handle from 1,000 to 10,000 and 15,000 tons of cargo, dead weight, we can realize and appreciate just what port development all means, and how immense and important as business it is.

For example, the ordinary freight car holds twenty tons, and a large freight train consists of forty cars, making 800 tons to the train. It would take ten trains of forty cars each, or 400 freight cars, with locomotives and tenders, etc., to equal the carrying capacity of a single steamship. To move one locomotive and one freight car, a single steamship can carry 200 tons of cargo, dead weight, and just as many more to load than one steamship going out.

When we consider that during 1910, an off year, Boston had two such ships from Antwerp; seven from Australia and New Zealand; fourteen from Bremen, forty-four from Calcutta and the East Indies; thirty-three from China and Japan and the Far East; eleven from France, England, twenty-two from

Germany and Austria; and to gain them; the port of Boston affords the manufacturer and merchant water competition with the rail carrier, and as a result the freight rates down to New England are kept low so that New England can get raw materials and its finished product out, all to be marketed in competition with mills and factories located in other sections of the country and to other countries. To have such a port really efficient, it is necessary that it be a traffic center, not a place where railroads get in and out again; not where they all go, in and discharge or take on their freight; where there are freight yards, freight sheds, wharves, docks and piers, and a metropolitan city to transact the details of the business; a place where can be concentrated the freight from an immense district, or, if needed, from the whole country, there to be exchanged with a like amount of freight coming in for local use and consumption or transshipment.

SMALL PORTS ELIMINATED BY BIG CARGO CARRIERS.

The advent of the large cargo carrier, drawing thirty to thirty-five feet of water and needing the services of the freight cars or more to handle its cargo, has spelled the death-knell of the smaller ports, for as rail competition and service is concerned, except as to immediate locality and immediate industries. With the introduction of rail and water, it has become gradually necessary for each section of the country to have its own large port. New England, its Boston; the Central Atlantic States, its New York; Philadelphia, its Baltimore; the South, New Orleans; the Southwest, Galveston; California, its San Francisco; the Northwest, its Seattle; and the whole country, particularly the interior, each and all of them for the mere asking.

For selfish reasons, therefore, the whole country should back up and support all of the ports, and particularly those having around these great harbors, the country should be loyal and helpful to their particular ports, for in everything their port is doing, it is but serving and helping the country behind it. Anything that helps the port of Boston, also helps Massachusetts and New England and anything that hurts the port of Boston, hurts Massachusetts and New England. Let us all work together for the port of Boston for our common good.

How New England Is Laundered

Just now New England is washed and ironed in an interesting story, and it is a story that very few people except those in the laundry business know very little about. From the days when our mothers at daybreak on a Monday morning put the family washing to soak, and Friday, washed it then washed and on the line, and in the house before sundown, the laundry business involving the investment of thousands of dollars, has grown into a big money-making New England.

Everything now, from a collar to the bedding, may be sent to a laundry in almost any community and come back the same week without any labor on the part of the householder, except seeing that the bill is paid.

WELL PERFECTED CHALKING SYSTEM.

And the bill in every case is not as much as one would suppose. The inventive genius of the American people have aided the laundry man. Just as the laundryman has made housekeeping a lighter and easier task, so the chalking system is the point power in the laundry business today. Hand laundries are few and far between, but if one insists on strictly hand work, he can get it done in any city or town in New England.

The checking system of thousands of bundles of clothes, from the entire wardrobe of the bachelor

to the small package of collar and shirt from the man of a family, is something that the laundryman has been striving for years to perfect. It is a pretty well perfected, and very few losses can be checked out in any laundry today that has any business system.

LAUNDRIES ARE ALWAYS PROGRESSIVE.

The laundryman of this State, and the same is true of other New England States, have organized an association. The organization here numbers over 500 members, and at the present time, held regularly, all phases of laundry work is discussed. What the New England man is looking for most in new inventions that will give speed in the handling of the large volume of business, and at the same time give the same careful work.

To tear shirts or lose collars or fail to get all of the dirt and grease out of the clothes means a loss of business that excites will not over come. Laundrymen tell some peculiar stories of the kind of business that comes to them. They have some of the very funny dresses

to handle; silk affairs that may be almost ready to crack or tear, clothes that are so dirty that it would seem almost impossible for human endeavor, let alone machinery to clean them up.

DIPLOMACY IS ALSO NECESSARY.

The New England housewife is a careful housekeeper. They know when they are good ironing and washing. No laundryman can send back work that has been slighted without hearing from it. To be a laundryman is no assurance. One has to be a good business man and a diplomat as well.

The business in New England has shown a wonderful increase the last few years. The business has tripled almost. The wet wash laundries are plentiful. Another condition that confronts the average laundryman is how to months. In many of the New England cities the residents flock to the mountains and beaches for a season. Keen for the business, the laundryman has agents in every prominent shore resort, hotel and hamlet.

To ship a basket of laundry from Boston to Boston, have it cleaned up, ironed, pressed, checked out and returned in the same week is no uncommon thing. Then in a

the average laundryman has to watch very carefully the accuracy of the agent, who in a hurry and with several other kinds of business on hand, may not give just the attention he ought to the laundry. But that wouldn't excuse the laundryman if he lost the bundle and had to pay for it. It is cheaper, according to the laundryman, to do a few hours longer checking up the work of the agent than it is to buy several new shirts or a pair or so of white flannel pants.

MILLIONS OF PIECES HANDLED.

If a person never visited a laundry, it is worth the while. Every piece received is checked off by a checker as soon as it arrives from the customer. Then it is put into the day's washing, and not a hand touches it, except perhaps now and then to aid in the work of the big steam washer.

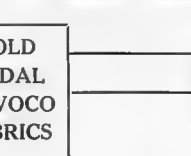
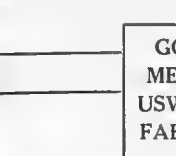
Then the drying process by steam heat and electricity and the electric and steam ironing completes the job. Millions of pieces of laundry pass the average New England laundry in a week without any damage or loss. It does not take such large amounts of building space to conduct a first-class laundry as one would suppose. The efficiency system has been applied to the modern laundry in the minutest detail, and a complete outfit for a first-class laundry can be secured at a cost of

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GOLD MEDAL AWARD

The Panama-Pacific International Exposition, at San Francisco, has awarded to the

UNITED STATES WORSTED CO.

The Gold Medal for the Superiority, Style, Quality and Manufacture of its products:

THE FAMOUS USWOCO FABRICS

These are the goods that give satisfaction. Standard dyes are now used in all fabrics ordered for Spring, 1916. All lines complete.

JOHN SIMSON, Vice-Pres.

ANDREW ADIE, Pres.

C. W. SOUTHER, Treas.

UNITED STATES WORSTED CO.

OF MASSACHUSETTS

BOSTON and NEW YORK

NEW YORK OFFICE AND SALESROOMS

257-261 Fourth Ave., at 21st St.

J. B. KIRKALDY, Selling Agent

Regal Shoes

The history of the Regal Shoe Company is a New England History—one of Yankee ability, always abreast of the best. From the single Summer Street shop of a quarter of a century ago, to the chain of exclusive stores and agencies that now cross the continent and girdle the globe, the Regal Shoe Company have made their trade-mark a hall-mark representing THE GREATEST VALUE FOR YOUR MONEY.

Regal Factories are located in the heart of New England, where the art of shoemaking is an inheritance. Regal Efficiency has set the standards of quality and style at a PRICE never before attempted and ever since imitated. The Regal Shoe Company's axiom is TO INVITE COMPARISON. In service, style, fit and finish compare their \$4.00 and \$5.00 men's and women's shoes for this Fall with those of other makes at even higher prices.

REGAL BOOT SHOPS IN U.S.A. GREATER NEW YORK: NEW YORK CITY: 112 Broadway, 113 Broadway, 114 Broadway, 115 Broadway, 116 Broadway, 117 Broadway, 118 Broadway, 119 Broadway, 120 Broadway, 121 Broadway, 122 Broadway, 123 Broadway, 124 Broadway, 125 Broadway, 126 Broadway, 127 Broadway, 128 Broadway, 129 Broadway, 130 Broadway, 131 Broadway, 132 Broadway, 133 Broadway, 134 Broadway, 135 Broadway, 136 Broadway, 137 Broadway, 138 Broadway, 139 Broadway, 140 Broadway, 141 Broadway, 142 Broadway, 143 Broadway, 144 Broadway, 145 Broadway, 146 Broadway, 147 Broadway, 148 Broadway, 149 Broadway, 150 Broadway, 151 Broadway, 152 Broadway, 153 Broadway, 154 Broadway, 155 Broadway, 156 Broadway, 157 Broadway, 158 Broadway, 159 Broadway, 160 Broadway, 161 Broadway, 162 Broadway, 163 Broadway, 164 Broadway, 165 Broadway, 166 Broadway, 167 Broadway, 168 Broadway, 169 Broadway, 170 Broadway, 171 Broadway, 172 Broadway, 173 Broadway, 174 Broadway, 175 Broadway, 176 Broadway, 177 Broadway, 178 Broadway, 179 Broadway, 180 Broadway, 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Some of the Prominent Men Who Are Making New England

Gov. David I. Walsh

E. J. Bliss

John Hays Hammond

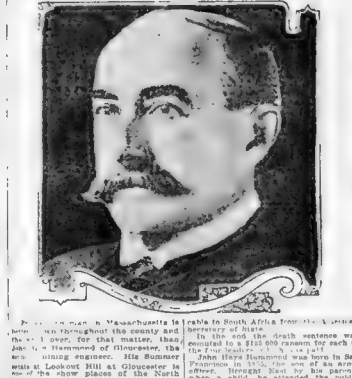
Albert W. Noone



New England's pride in her sons is often entitled at in the new West as it has been after the strenuous life of the Old World. New England's pride, however, is as thoroughly democratic today as it was on the day of the battle of Bunker Hill. It is proud of the ability of her self-made men.

David Bliss, President of the Boston Chamber of Commerce, is the son of the late Leonard Carpenter Bliss and Ellen C. (Parker) Bliss (daughter of Capt. John Parker and Dr. A. Parker of Boston). He is a direct descendant of the family that came from Britain, Massachusetts County, England, to Massachusetts in 1630. Thomas Bliss married Anne Lee, of Wrentham, a widow of a settler in Wrentham and had a large family, whose descendants have furnished many of the leaders of the State.

Bliss was educated at the public schools of Boston, and then at the University of Cambridge, England, where he was a member of the Phi Beta Kappa Society. He returned to Boston in 1880 and began his career in the insurance business. He was a member of the Boston Chamber of Commerce from 1890 to 1895, and was its President from 1895 to 1900. He was also a member of the Massachusetts State Senate from 1900 to 1905, and was its President from 1900 to 1905. He was elected Governor of Massachusetts in 1906 and served two terms, from 1906 to 1914.



John Hays Hammond is a Massachusetts native, born in the town of North Andover, in 1856. He is a graduate of the Massachusetts Institute of Technology, where he received his degree in 1878. He has since spent much of his life in the study of the geology of the United States, and has been a member of the United States Geological Survey since 1880. He has been a member of the American Academy of Arts and Sciences since 1900, and has been a member of the National Academy of Sciences since 1905. He has been a member of the American Association of Economic Geologists since 1880, and has been a member of the American Mineralogical Society since 1880. He has been a member of the American Geographical Society since 1880, and has been a member of the American Society of Naturalists since 1880. He has been a member of the American Society of Civil Engineers since 1880, and has been a member of the American Society of Mechanical Engineers since 1880. He has been a member of the American Society of Mining Engineers since 1880, and has been a member of the American Society of Petroleum Engineers since 1880. He has been a member of the American Society of Civil Engineers since 1880, and has been a member of the American Society of Mechanical Engineers since 1880. He has been a member of the American Society of Mining Engineers since 1880, and has been a member of the American Society of Petroleum Engineers since 1880.



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HEAD OF THE UNITED STATES WORSTED CO.
Mr. Andrew Adie, One of the Most Successful Manufacturers in the United States.

Walter C. Baylies

Charles E. Hellier

J. OTIS WARDWELL,
Prominent in Law and in Political Circles, a Leader in Corporation Practice.

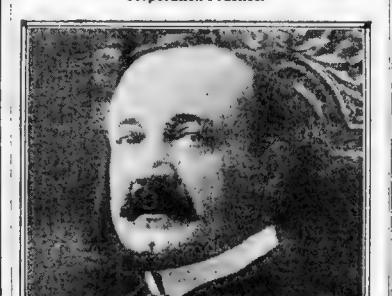
Mr. Andrew Adie is a native of Scotland, born in 1840. He is a graduate of the University of Glasgow, where he received his degree in 1860. He has since spent much of his life in the study of the geology of the United States, and has been a member of the United States Geological Survey since 1880. He has been a member of the American Academy of Arts and Sciences since 1900, and has been a member of the National Academy of Sciences since 1905. He has been a member of the American Association of Economic Geologists since 1880, and has been a member of the American Mineralogical Society since 1880. He has been a member of the American Geographical Society since 1880, and has been a member of the American Society of Naturalists since 1880. He has been a member of the American Society of Civil Engineers since 1880, and has been a member of the American Society of Mechanical Engineers since 1880. He has been a member of the American Society of Mining Engineers since 1880, and has been a member of the American Society of Petroleum Engineers since 1880.



Walter C. Baylies is a native of Boston, born in 1856. He is a graduate of the Massachusetts Institute of Technology, where he received his degree in 1878. He has since spent much of his life in the study of the geology of the United States, and has been a member of the United States Geological Survey since 1880. He has been a member of the American Academy of Arts and Sciences since 1900, and has been a member of the National Academy of Sciences since 1905. He has been a member of the American Association of Economic Geologists since 1880, and has been a member of the American Mineralogical Society since 1880. He has been a member of the American Geographical Society since 1880, and has been a member of the American Society of Naturalists since 1880. He has been a member of the American Society of Civil Engineers since 1880, and has been a member of the American Society of Mechanical Engineers since 1880. He has been a member of the American Society of Mining Engineers since 1880, and has been a member of the American Society of Petroleum Engineers since 1880.



Charles E. Hellier is a native of Boston, born in 1856. He is a graduate of the Massachusetts Institute of Technology, where he received his degree in 1878. He has since spent much of his life in the study of the geology of the United States, and has been a member of the United States Geological Survey since 1880. He has been a member of the American Academy of Arts and Sciences since 1900, and has been a member of the National Academy of Sciences since 1905. He has been a member of the American Association of Economic Geologists since 1880, and has been a member of the American Mineralogical Society since 1880. He has been a member of the American Geographical Society since 1880, and has been a member of the American Society of Naturalists since 1880. He has been a member of the American Society of Civil Engineers since 1880, and has been a member of the American Society of Mechanical Engineers since 1880. He has been a member of the American Society of Mining Engineers since 1880, and has been a member of the American Society of Petroleum Engineers since 1880.



J. Otis Wardwell is a native of Boston, born in 1856. He is a graduate of the Massachusetts Institute of Technology, where he received his degree in 1878. He has since spent much of his life in the study of the geology of the United States, and has been a member of the United States Geological Survey since 1880. He has been a member of the American Academy of Arts and Sciences since 1900, and has been a member of the National Academy of Sciences since 1905. He has been a member of the American Association of Economic Geologists since 1880, and has been a member of the American Mineralogical Society since 1880. He has been a member of the American Geographical Society since 1880, and has been a member of the American Society of Naturalists since 1880. He has been a member of the American Society of Civil Engineers since 1880, and has been a member of the American Society of Mechanical Engineers since 1880. He has been a member of the American Society of Mining Engineers since 1880, and has been a member of the American Society of Petroleum Engineers since 1880.

THE WONDERFUL LIFE STORY OF SAMUEL SLATER

FOUNDER OF AMERICAN SUNDAY SCHOOLS

he year 1793 is an important one in the history of the first cotton mill in the United States by Samuel Slater, just 125 years ago in Pawtucket, Rhode Island.

Whenever the name of Samuel Slater is mentioned people remember him as the founder of our cotton spinning industry, the American Prodigal, who came out of the old world and found a new one in his adopted country.

But now, when the great mills still employ thousands in America and elsewhere, performed greater service than this to the world, for he was also the founder in 1793 of the first American Sunday school.

And even when the institution he established is a thing of the past, his memory will live on as a great moral force in the history of the first American Sunday school.

Samuel Slater's Sunday school was not altogether a Sabbath school, but a movement to give the children of the mill workers the rudiments of education, reading, writing and arithmetic.

We are now a hundred years later, and the Sunday school is still a part of the life of the mill worker, and it is interesting to look back at the first Sunday school in America, without recalling something of the history of the times and of Samuel Slater himself.

YOUTH OF SLATER.

Samuel Slater is the son of William Slater, a landed gentleman of Derbyshire, England. As a boy he was apprenticed to a cotton spinner, a cotton spinner who employed many hands. Slater was an unusually liberal and broadminded manufacturer, and he had become very much interested in the machinery recently invented by Arkwright, which made the business of making yarn and cloth comparatively simple.

Slater himself installed the machinery and the youthful Slater had a chance to see and study them in full operation.

Apprenticeship in England then meant six years of service, during which time the boy received little or no pay, and worked early and late in many cases his parents supported him, because in the end he would have a craft requiring training and

skill, which would set him apart from the vast mass of unskilled workers.

It speaks well for the genius of Slater that at the age of 17, while still under articles to Mr. Strutt, he was actually overmaster in the mills of that gentleman.

England at that period was under going hard times. She had been worsted in a long war in which France, Spain and Holland had been engaged while the American colonies had thrown off the yoke.

England and the United States were at that time at the height of their friendship, and the United States was an independent country. Tales of the opportunity in the new country, the lack of class distinctions, the need for skilled workers, especially those who had skill, suited into the manufacturing towns of England.

Young Slater could see himself at least caught in the web of a class conventionality. He left the village of his birth, and went to the new world, where he was to find a new life.

Slater, leaving away from one of the most fertile lands in the world, went to a new land, and there he found a new life. He was to find a new life, and he was to find a new life.

Slater seemed to be addressed directly to him, for he knew all about the inventions of Arkwright, Strutt and others in Derbyshire, which had put English mills in the very front rank, and secured for England practically a monopoly of the world's cotton manufactures.

England realized already the source of her supremacy and she had taken every precaution to preserve it. Americans had already tried to introduce skilled workmen to emigrate and the British government had taken steps to prevent them from getting out of the country.

It was known in the mill districts that any man who tried to leave England with plans of the mill machinery upon his person would be severely punished. Young Slater made his plans very secretly.

He did not tell his own family of his contemplated move. He realized that if he did so they would talk about it, Strutt would hear of it, and would take steps to prevent his

going, as Slater knew too much of the manufacturing of cotton to let the Yankee get by the right of it. He had saved just enough money to take him to America upon a sailing ship, which would probably require from three to six weeks to make the voyage.

He shipped away from Bristol, in the new world, and he was determined that he would make a fortune in the new world. He had no documents of any description, and he was to make a fortune in the new world.

Slater was in 1783, and President Washington had only been in office a few months when the young workman landed in Boston, and immediately set out in search of the people who wanted cotton machinery.

Robert Ralston, of Providence, founder of Brown University, was the most distinguished of those who wanted to have cotton mills in America. Mr. Brown had imbibed all the information he could get about Arkwright's machinery and endeavored to duplicate them, but all his efforts and those he engaged to work for him had ended in failure.

Slater was very much discouraged and he would not believe that Slater, as any better informed than the others, was persuaded to give the youth a trial, and furnished the materials required.

Then Slater, from memory, constructed and erected machinery, which turned out yarn which in quality was quite as good as that spun in England. He had shrewdly stipulated that in case the machines he constructed were successful, he should be given a share in the profits, and when it was seen that he had spun a yarn called Arkwright, Brown and Slater was formed and the first textile mill in America was established in Pawtucket in 1790, just a century and a quarter ago.

Now a word about the social conditions of the period when the first Slater mill was founded.

Universal education, as we know it now, did not exist. There were very few good schools in the country, and even colleges, but education was not compulsory, and it rarely was free.

The working classes considered education a thing of the future, and they were not much interested in it. They were not much interested in it, and they were not much interested in it.

Slater, the father who had the most children received the largest income, for he put them all to work as soon as possible.

Slater mill in Pawtucket were very poor, of course. There was no feeling against child labor, then. It was what children were for, so they

worked from dawn to dark, twelve hours a day in summer, ten in winter, in the mill.

Slater did not wish to see the children of the mill grow up without any training of education.

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FRIEND OF CHILDREN.

Working hours in the mill were from daylight to dark, twelve hours a day in summer, ten in winter, in the mill.

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Slater was a fine, big-hearted man, and his heart was won by the sight of the little children growing up without any training of education.

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TREMENDOUS GROWTH OF ONE OF NEW ENGLAND'S GREATEST INDUSTRIES

B. F. Sturtevant Co.'s Plant Grows From a Single Fan to Acres of Buildings.

Few people who have passed through the great shops of the B. F. Sturtevant Company at Hyde Park, Mass., realize that they together with the company's other shops at Philadelphia, Chicago, San Francisco, and Galt, Ontario, are the result of the growth from one small fan built to overcome a single difficulty.

Yet such is the truth. And the growth of the fan industry from this fan invented by Mr. B. F. Sturtevant to blow dust away from a buffing wheel is one of the great romances of American business. This was the beginning. Mr. Sturtevant realized in part the possibilities and went to work to develop the fan industry.

About the time our grandfathers were nursing headaches in tightly closed rooms, Mr. Sturtevant began to study ways and means of supplying fresh air. From his experiments developed a heating system that is independent of wind and weather, that ventilates as well as heats, and that supplies definite quantities of pure air properly washed and tempered.

SEARCHING OUT THE BENEFICENT FAN. Sturtevant works silently. We



little know when we have this company to thank for the fresh, clean air we breathe. Suppose, for example, your train is just pulling into the Pennsylvania terminal. It's a good chance, of course, that your Pullman is equipped with a Sturtevant ventilating set. But, whether or no, you begin to breathe Sturtevant air just as soon as you pass the gate.

Where will you stop? The Waldorf? The Plaza? The El Comodoro? The Astor? The Plaza-Carlton? These are all equipped with the Sturtevant system. The air is blown through a rain chamber, dried and heated by a series of steam pipes, and finally sent out to the guests as clean as the breezes after a summer shower.

Perhaps you have business in New York. Does it take you to the Metropolitan Life Insurance Building? The Woodbury Building? The New York Stock Exchange? Sturtevant has been there before you.

Surely there was something you meant to get at Tiffany's. And you will dine at Sherry's or Delmonico's.

Sturtevant keeps these places constantly supplied with fresh air. But he works silently. In the New York Public Library there are volumes and volumes of Sturtevant air that the readers never suspect.

Well, now for the amusements. The New Amsterdam? The Century? The Little Theatre? You can't resist Sturtevant very long. Even when they had that terrible sandstorm "The Garden of Allah," the principal actors were none other than five little Sturtevant blowers!

But New York is just a convenient starting place for these Sturtevant illustrations. In Boston, for instance, one may stop at the Copley-Plaza; in Worcester, at the new Bancroft (said to be the finest 300-room hotel in the country); in Washington, at the new Willard; in Chicago, at the Congress; in Salt Lake City, at the Utah; in San Francisco, at the St. Francis; in Portland, at the Oregon. And whether one reads books in the library of the University of California or in the Congressional Library, and whether one sits at the desk of the United States Mint at Philadelphia, or in the Standard Oil Building in San Francisco, he will breathe air that is pure and healthful and propelled by the Sturtevant system.

LONGER LIVES AND BETTER WORK. If there were space, we would speak at length of the fresh air Sturtevant has brought to school and university students, to the sick in hospitals, to factory workers. Some of the largest and finest educational buildings in the country are equipped with the Sturtevant system. (Witness the McKinley Manual Training High School at Washington, Carnegie Institute at Pittsburgh, and the Harvard Medical School at Brookline.) In the country's hospitals, according to carefully collected data, "death rates have been reduced by the introduction of efficient ventilating systems, from 10 per cent. to 5 per cent.; in surgical wards in general hospitals from 44 per cent. to 43 per cent., and in army hospitals from 25 per cent. to 6 per cent." In many of these institutions for the sick—Bellevue and St. Luke's, for example—the "efficient ventilating system" is Sturtevant's. Then, too, the old-time factory, poorly heated, dusty and improperly ventilated, has given way to a modern structure constantly filled and refilled with pure air. The equipment for heating and ventilation in such great plants as that of the United Shoe Machinery Company, the Lonsdale and Nashville Railroad shops, and the

Carnegie Steel Works is typical of what Sturtevant is doing to increase the comfort and efficiency of the modern factory.

Now, finally, for the great relief to all those who labor for their fresh air. Every official in Washington breathes Sturtevant air—sooner or later. It circulates in the United States Treasury, in the War and Navy Building, the Office Building of the House of Representatives, in the Executive Office of the White House.

With Sturtevant keeping our lawmakers and executives refreshed with pure air, we have every reason to demand the savings that rise in stores from the planing machine. It draws them away in exhaust pipes sometimes for a mile or more, and feeds them directly to the furnace here.

Another such the grain out of the

holds of ships. Still another draws off the noxious fumes from laboratories. But the most fantastic one of all is the fact that public spaces of smoke. The lumber company employing this fan operates in a forest and under the ordinary conditions would not dare to burn sawdust and mill waste. With their unique installation of the Sturtevant induced draft system, however, the fumes are drawn into the fans and are blown into large centrifugal separators. These remove the cinders and allow only the gases to escape at the top.

Perhaps one of the most familiar developments from Mr. Sturtevant's invention is the application of the fan to the problem of vacuum cleaning. In thousands of households, factories and office buildings throughout the world Sturtevant vacuum cleaners are doing the housework.

The use of the direct blast of air have multiplied prodigiously within the last thirty years. In

modern machine shops they are now using Sturtevant blowers to remove steel chips from the lathes. In the cotton mills of the South they are blowing cotton into the gins and blowing it out again. More remarkable yet is their use of Sturtevant fans for actually conveying the cotton. A fan requiring only twenty-three horsepower to drive it carries 50,000 pounds of cotton a quarter of a mile. The cost is only \$4.50 a ton. To accomplish these results the fan would require 25 loads of 2 tons each. Question! How much of the cost of the fan?

In the woolen mills the system of conveying has been elaborately worked out. The wool is blown direct from the bins and a system of switches controls the destination. On the farms throughout the country, Sturtevant fans are blowing the engine right from the cutter into the silo.

Blowers to discharge cold air go to many unusual places. In candy factories they are employed for cooling the candy evenly and quickly. Printing press rolls—which, strange to say, are composed of glue and mastic—must be kept soft to the summertime. Then they are kept "stripped" and go all to destruction.

Other Factories at Philadelphia, Chicago, Galt, Ontario, and San Francisco.

The Publishers' Printing Company of New York have saved themselves this worry by installing Sturtevant fans. In glass factories, it's the same. You get undesirable smoke down in West Virginia a corps of Sturtevant blowers are directing their blasts on the men at the bottling moulds. Indeed, there is scarcely an industry today but requires blowers in some one of its processes. Even the government wireless stations have equipped their apparatus with Sturtevant fans to cool the spark gaps.

AN EXPERT SERVICE. The output of the B. F. Sturtevant Company is greater than the combined output of all their competitors in this country. But this growth has not been a matter of chance. The Sturtevant people have the largest force of engineers trained in fan work in the world, they are equipped to be genuinely useful and they are ready to co-operate with any manufacturer who desires air-drying apparatus and is desirous of effecting savings.

Inasmuch as such a manufacturer incurs no obligation in seeking advice, it would seem to you that he has much to gain by taking counsel and nothing whatever to lose. The address is the B. F. Sturtevant Company, Hyde Park, Boston, Mass. There are offices and trained engineers in most of the large cities.

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There are offices and trained engineers in most of the large cities.



GAS SERVICE



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Massachusetts Chocolate Company—960 H. P.
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George E. Keith Company—450 H. P.
A. Shuman & Company—295 H. P.

There are many small engines as well as the above large plants all giving thorough satisfaction and highly gratifying economy.

How about your Power Needs?

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The difference between profit and loss often depends upon the efficiency of the late afternoon's operation. The deterioration in quality and quantity of output, the increase in the amount of stock spoiled as the daylight fades, may shade the entire dividend, or may even be the difference between success and failure.

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The dreadnaught Wyoming is one of the types of the fighting ships of the United States Navy that has made a reputation not only for itself and the crew that man it, but for the nation whose flag snaps out in the breeze bidding defiance or peace on any occasion.

The Wyoming is the flagship of Admiral Frank Fletcher of the Atlantic

fleet, and is the example of the kind of workmanship this country can produce when it comes to making a navy.

On several occasions this war dog has been in foreign service, not to start any trouble, but to prevent the case of the United States from being a little more foreign to the United States than it is.

Take the case of Mexico: It was the Wyoming that steamed into Vera Cruz and forced, with the other ships of the United States, a salute to our flag, and brought home to those that had any doubts in that country that this nation would and could enforce its demands.

The Wyoming was launched May 25, 1901, and has the following dimensions: Length over all, 502 feet, beam 91 ft 2 in., draft 28 ft 6 in. The armament includes 16 x 12 inch and 14 x 13 inch guns, besides automatic 6 in. field pieces, much 32 caliber 4.1 inch tubes. In company with her sister ship, the USS Oregon, she carries 1,100 tons of coal.

Banks of Six States Are Powerful in Resources

New England has always been one of the strongest sections financially in the United States and never stood higher in the esteem of the country in that respect than now.

It is still a region of wealth, and the wealth is not only in the money of the banks, but in the money of the people. The money of the people is the money of the banks, and the money of the banks is the money of the people.

From New England came the banks which built transcontinental railroads and many flourishing cities in the Middle and Far West. As the first fortune in this part of the country was made by the ships, so the first fortune in this part of the country was made by the banks.

BANKS SHOW RESOURCES
NEW ENGLAND FINANCIAL
There are 740 banks in New England, and the resources of these banks are estimated at \$1,000,000,000. The resources of the banks of New England are estimated at \$1,000,000,000.

land banks may be gained from the fact that they have in demand and time deposits and in amounts due them from reserve assets, banks and savings banks, nearly \$100,000,000.

totalled \$92,122,492.30. They had \$49,081,117.02 in demand deposits, \$70,774,281.05 in time deposits and \$99,785,211.35 due them.

number of savings banks, and its institutions of that class reported on October 31, 1914, that their resources totalled \$97,122,225.51. They then held in deposits from the people the enormous sum of \$139,740,000.

mandous financial strength. The latest reports as to their condition shows they have resources totalling \$100,000,000 and deposits amounting to \$100,000,000.

One of the most vital things in any community is bank clearing. They tell as much as figures can of its industrial and commercial activities.

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Good Roads Great Asset of State

Important bridge not far from Boston. No fewer than 40 per cent of the autos which went across that bridge during the Autumn day went of "foreign" ownership—by "foreign" is meant that their license and number plates bore the names of almost every State in the Union.

the number of automobiles which travel over the Massachusetts State roads has reached a figure that is astonishing. Recently a count was kept of the cars that went over an

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Moving Picture Business Has Grown to Enormous Proportions

New England is the center of the picture industry. The picture industry is the largest industry in the world. It is the only industry that has grown to enormous proportions in the last few years. The picture industry is the only industry that has grown to enormous proportions in the last few years. The picture industry is the only industry that has grown to enormous proportions in the last few years.

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HOWARD & PIERCE IN MOVIE BUSINESS.
The first exhibition of these three in Boston was given by Frank Howard of Broadway, who is now connected with the company. He is now connected with the company. He is now connected with the company. He is now connected with the company.

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STAGGERING LEAVING DIFFICULT PERILS.
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Humanology—the science which treats of human life, its sympathies, the virtues and the characteristics of man and there anywhere be found a wealth of material so so falling and inspiring as the prose and poems of Ella Wheeler Wilcox.

Powerful in their Appeal
Absorbing in their Interest
Tremendous in their Lesson

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Moving Picture Business Has Grown to Enormous Proportions

So many of the exhibitors of New England have grown with greater rapidity than those of the country that some coming to the city in less than a year have found the business profitable and the city has been built up in a day. The business has been built up in a day. The business has been built up in a day.

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Selected features. One and two-part Chaplin comedies.

Now booking—
Renne Kelley in
"All for a Girl"
and "Liberty Hall."

ing, which is for the education of the people, is the first step in the development of the business. The business has been built up in a day.

No two persons can see the same picture in a hall. However, in 1915, a picture was shown in a hall which was projected on a screen and was visible to a group of people.

HOW AND A PIONEER IN MOVIE BUSINESS.
The first exhibition of pictures in Boston was given by Frank J. Howard of Boston, who is now connected with the picture business. He was recently in the city of Boston, where he was hired a variety of pictures.

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Herman Reskin, Manager,
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Exclusive of Release. High
Class Photo Productions Only.

under the name of it is owned an office, leading the different pictures to be shown in the city. The business has been built up in a day.

There are many pictures shown in the city. The business has been built up in a day.

It is estimated that there are approximately seven hundred moving picture theatres in New England. A large number of these houses are up to date in every detail.

STARRED LEAGUE
OF PICTURE THEATRES
This show had been in operation for some time in the city of Boston. The business has been built up in a day.

It might be stated that this number has been well into the millions. The business has been built up in a day.

Although New England is not used for its pictures, in the past year, the manufacturer has invaded this territory, selling that the old New England money is equal to that found in other parts of the country.

A large producing company has recently established itself in Providence, R. I. In Medford, a producing company is also at work, while in Worcester, the plans are under way for the erection of a modern picture studio, which will cover several acres of land.

The producers maintain extensive studios and rapid actors and actresses to pose for their productions. The original film upon which the picture is made is called a negative. From this it can be made as many positive prints as desired. These are the films which are exhibited.

There are three branches in this industry, each of which is represented by a section of the country. They are the producers or manufacturers, the exhibitors and the audience.

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For almost half a century Mrs. Wilcox has been known and loved by the English-speaking world. Her poems run the gamut of human emotions with a treatment so searching, so lucid and so truthful that their appeal is universal. In every poem there is a theme so big that one has to struggle to keep the development of the story within the limits of screen presentation. Of what has she not written and written well. She plays upon the heart strings so skillfully that tears and laughter, joy and sadness, remorse and regret come almost unbidden at her touch.
Humanology—the science which treats of humanity—of the sympathies, the disposition and the characteristics of man. Could there anywhere be found a wealth of material so so fitting and inspiring as the prose and poems of Ella Wheeler Wilcox?
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ESTIMATES FURNISHED

Wonder Feats of Great New England Engineers

By C. O'CONNELL GALVIN. New England have an idea of the enormous amount of big construction that has been accomplished.

The people of Massachusetts, outside those actually engaged in this development and those citizens who composed the public bodies by whose direction the great works were done, have but limited vision of the engineering and building operations that have given to their service a marvelous expansion of the public utilities.

The reason of this want of knowledge is to be found in the wide separation of the locality where these achievements were accomplished.

There have been many cities done in this State by human skill and at vast public expense, which the engineering and building work regard today as triumphs.

To tell the entire story in detail would involve comparison of space in these pages much greater than could be afforded.

To cite a few of the leading works of magnitude and daring in the last four decades will give our readers an idea of what an impressive

size story might be told were it possible to tell it all in this space.

THE FIRST TUNNEL.

The first great work done in Massachusetts was the boring of the Boston Tunnel.

The original contractors to tackle the boring were the Chandler Brothers, New York. It is believed that the first tunnel was bored in 1825, and for years the success of the Chandler brothers was made to induce the Legislature to pass a bill to reimburse the builders, for, at least, some of their heavy losses.

The tunnel was, in the end, made possible only by the State lending its credit to meet the cost.

Another big work of the same period was the reclamation of the valuable district of Boston popularly called the "Black Bay." Prior to this reclamation, the water came up to the point now covered by the North Station.

The building of the North Station by W. C. Edwards of Lowell, was done in those days.

For a few years there was cessation in great public work until the subway system was begun.

The first section was the Tremont street subway, now called the "T" street, which was built by James A. Mearns.

GLAY'S DIRT HILL AT WASHINGTON.

In the early nineties the State put its hand to a significant enterprise, when, under the supervision of engineers of the Metropolitan Water Board, Harry P. New of Boston built the Atlantic Washington dam at Clinton. This whole project of the metropolitan water system has been accorded in recent years only by the Great Water works in New York State. It involved an outlay of no less than \$10,000,000.

How many people do not know that the South Station accommodation every day more people and more trains than any other railway station in the world? The record of traffic under that roof is 843 trains and 125,800 passengers per day. The great terminal was built by Rogers of Worcester.

The East Boston tunnel, made by Shafter and Doughty, but known as a great connecting link between the main city and its populous suburbs across the harbor.

The building of the Washington tunnel was a mighty task, filled with serious problems. It was done in spite of the difficulties of building in a city, and it was achieved through the efforts of the engineers of the Metropolitan Water Board, Harry P. New of Boston.

There were also the builders of the great subway construction, including the Tremont street subway, the North Station, and the South Station.

The building of the Washington tunnel was a mighty task, filled with serious problems. It was done in spite of the difficulties of building in a city, and it was achieved through the efforts of the engineers of the Metropolitan Water Board, Harry P. New of Boston.

There is the Cambridge subway, built by H. P. New, which would have been a great feat of engineering in any city of the world.

There is the Charles River Basin, built by the Metropolitan Water Board, which is a great feat of engineering in any city of the world.

The cost of these docks was some \$1,000,000.

The cutting of a deep water channel, out of the longest was the building of the Commonwealth Pier, a short way beyond the South Station on Summer street extension.

Again for a startling world comparison—a port in the world has a shorter water terminal than this. It is doubtful if one to compare with it can be found in any of the ports of the maritime world.

WOLFE'S CEMETERY FISH CENTER.

The Commonwealth Pier, and its important adjuncts, was built by Rogers & Son.

There it is the "Fish Pier," the magnitude of which may be judged from the fact that it is now the most important fish center in the world, another world challenge, it was constructed in 1894. Some day before this world's attention will be taken down, and in its place the public will travel between all points.

Among the other big public works that have marked the recent history of this city and State is to be mentioned the Elevated structure—city and state—both dedicated to the service of the public, and it was constructed in 1894. Some day before this world's attention will be taken down, and in its place the public will travel between all points.

There is the Cambridge subway, built by H. P. New, which would have been a great feat of engineering in any city of the world.

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There is the Charles River Basin, built by the Metropolitan Water Board, which is a great feat of engineering in any city of the world.

In Boston by way of a complete subway system, which, like the Cambridge subway and the Washington tunnel, will be worthy of one of America's greatest cities and adequate for its tremendous needs.

The extension of the East Boston tunnel to Bowdoin square, still under construction, is an important work, capable of great results, when it is brought into use.

Among the other big projects

which the last forty years has seen in this part of the country, are the navy yard drydock in Charlestown, built by the Commonwealth Pier, and the erection of the Pilgrim Monument in Provincetown, for which Harwood of Worcester was contractor, the same man who built the Boston Custom House, which though the latest, is the most imposing and grandest of them all.

HUGH NAWN CONTRACTING COMPANY
ROXBURY, MASS.

WARREN BROS. CO.
Bitulithic on Macadam
Saves Expense of New Foundation

The economical reurfacing of old macadam with a better wearing surface is demanded by a condition which creates many cities.

The reason of this want of knowledge is to be found in the wide separation of the locality where these achievements were accomplished.

There have been many cities done in this State by human skill and at vast public expense, which the engineering and building work regard today as triumphs.

To tell the entire story in detail would involve comparison of space in these pages much greater than could be afforded.

To cite a few of the leading works of magnitude and daring in the last four decades will give our readers an idea of what an impressive

size story might be told were it possible to tell it all in this space.

THE FIRST TUNNEL.

The first great work done in Massachusetts was the boring of the Boston Tunnel.

The original contractors to tackle the boring were the Chandler Brothers, New York. It is believed that the first tunnel was bored in 1825, and for years the success of the Chandler brothers was made to induce the Legislature to pass a bill to reimburse the builders, for, at least, some of their heavy losses.

The tunnel was, in the end, made possible only by the State lending its credit to meet the cost.

Another big work of the same period was the reclamation of the valuable district of Boston popularly called the "Black Bay." Prior to this reclamation, the water came up to the point now covered by the North Station.

The building of the North Station by W. C. Edwards of Lowell, was done in those days.

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Charles Logue Construction Company

The Charles Logue Construction Company is one of the foremost building contractors in New England.

For many years the Logue brothers have been building the new buildings of the Boston College at University Heights are among the structures that testify to the genius of the executive of the concern.

Charles Logue is well-known man.

From a humble beginning in a small shop on Commercial street in the North End, the concern has developed until it is now among the leaders in the building industry.

Under the late Mayor Collins he served as superintendent of the public buildings department, and since his resignation, accepted an appointment as assistant superintendent under Mayor Fitzgerald.

His Association, a recognized expert on building construction, has been a prominent figure in the building industry in New England.

Adv.

Henry M. Sanders

The New England Hardware Association has as its president, this year, Henry M. Sanders, one of the most prominent men in the hardware business in New England.

Mr. Sanders was born in New York, and came to Boston in 1875. He entered the hardware business in 1875, and has since that time been a prominent figure in the hardware business in Boston.

He is now president of the New England Hardware Association, and is also a member of the Boston Hardware Association.

He is a man of great energy and ability, and has been a prominent figure in the hardware business in Boston for many years.

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QUALITY

SERVICE

COAL

New England Coal & Coke Company

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Yo'll Hit the Nail On the Head

If you come here for any tools you may find them largely on the character of tools.

Every Tool We Sell Makes a Friend for you. Whether you require tools for use in your business or want just a few tools for your home, you will find them here.

CHANDLER BARBER CO., 154 Devonshire St., Boston, Mass.

New England Yards Rank High in Building Small War Craft

New England since the days of our fathers has been the home of shipbuilding. New England ships

and men-of-war traversed the oceans for years on missions of peace and of war and the sturdy

New England shipbuilders always pointed to their workmanship that has brought glory and fame to the flag and business to our shores.

Just now three localities in New England hold the centre of the stage in the building of war craft.

Bath, Me., Quincy and New London, Ct., are foremost in this industry.

Not only are the firms located at these cities on the New England coast bustling on contracts placed by the United States government, but are rushing along work on the dreaded submarines for several of the warring European nations and also on contracts for similar fighting craft for nations across the Atlantic that are now at peace.

ATTENTION TO SUBMARINES.

For some years the Navy Department has been watching with interest the work of the submarine. Never has this little submerged fighting craft shown to better advantage than in the great European conflict. This work laid out by the strategy boards of the warring nations, these little fighting craft have succeeded in sinking a superdreadnought that cost millions to build and two or three years to complete.

This government, for the first time, has established a submarine base at New London, Ct. A large plant will be erected there, not for building, especially, but as a home for these little craft.

These submarines that fly the Stars and Stripes at present are wanderers of the navy, and although attached to the several fleets, their home is always aboard a parent ship, or "mother ship," as the navy men call it.

Now the Navy Department, seeing

the growing importance of the submarine has established a submarine station on New England shores, just as it has had for years a torpedo station and training station at Newport.

This will mean the employment of many civilians and again start the boom for the bustling city of New London.

Already located at New London is a company headed by a former naval officer, Lieut. Commander Gregory C. Ingleton, and this plant, once located at Quincy, is one of the pioneers in the building of the undersea craft.

More attention is being given, by high naval experts on modern warfare at the present time, to the smaller craft, such as torpedo boat destroyers, submarines and all the modern fighting craft that are not so huge to look at, but which have the power, the speed and the equipment to undo the work of thousands and the expenditures of millions.

MARBLEHEAD ALSO ACTIVE.

One of the best and latest types of New England built war craft is the torpedo boat destroyer. Cushing, recently commissioned. This boat takes its name from the Massachusetts family that achieved fame in the country's flag.

The Cushing is equipped with the most complete appliances to ward off the attacks made on the bigger and less speedy fighting craft. It has the distinction of being one of the fastest boats of its type now afloat. It was built at Quincy.

Given the little history of Marblehead is achieving fame in

the way of building war craft. In speaking of naval vessels, one used to think of the big three-funnelled battleship, with its fighting tops, but modern warfare has changed all this, and now the most powerful craft used is oftentimes the smallest.

Down where the international yachts races are held, Marblehead, can be seen building what in naval parlance is called a "sea sled." These craft are hydro-

aeroplanes, and are being built not only for this government but for several of the foreign nations.

These little combinations of flying machines and boats are being developed by the government, and experts are beginning to believe

that they will become a real asset to the navy for scouting purposes.

New England right now is seeing, it is believed, a greater activity in the building of war craft than any other section of the country. Naval officers, the men who know and

the men who are spending Uncle Sam's money, believe that New England has shipbuilders, and point as to the soundness of their judgment, to those ships enrolled in the navy that bear the New England trade mark and have already made history.

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Backed by the experience of 30 years

Carter's
Knot Underwear
for all the Family



Backed by the experience of 30 years

Awarded Grand Prize
The Highest Award Possible to Obtain

THIS Award of the Grand Prize at the Panama-Pacific Exposition signally confirms the judgment of the thousands who have worn Carter's season after season.

This tribute is made especially noteworthy by the fact that the Underwear shown at the Exposition was not manufactured especially for the occasion but was taken from the regular goods in stock.

Since the Sixties when the Carters first began to make underwear, they have originated fully fifty refinements in underwear. Today everyone recognizes Carter's Knit Underwear as the standard by which un-

derwear should be judged. It is underwear brought to the ideal point of perfection—underwear just as you would order it if you had your undergarments made to order exactly as your personal needs and tastes dictated.

The models Carter is showing this Fall include union suits for men, union suits and two-piece garments for women and children in practically every fabric—silk, linen, cotton, merino, and wool—and in all the accepted shades, white, ecru and natural. They also include carefully designed and finished shirts and bands for infants. Ask your dealer to show you the new Carter models.

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A most select location facing parkway and Arnold Arboretum. Two minutes to elevated and steam trains. A few desirable housekeeping apartments to let. 4 and 5 large light rooms and bath. No inside rooms. Large kitchens and pantries. Rents \$32 to \$45 per month on yearly leases. Desirable class of tenants assured. Janitor service, steam heat, continuous hot water, modern plumbing, shower baths, gas ranges, gas and electricity, telephones, vacuum cleaning system, hardwood floors throughout. A personal inspection invited. Owner's office on premises.

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LORD & WEBSTER CO.

One of the most progressive hat and grain concerns in the city is the Lord & Webster Co. of 243 and 250 Commercial street.

Established in 1868 by Lord & Webster, the old concern was succeeded by the present one in 1888 when Harry Hamilton and Henry A. Bascom, who were with the old firm thirty-six and twenty-two years respectively, assumed control.

They employ six city salesmen and four others canvass New England, and since the reorganization into the present concern, the business has shown a substantial increase annually.

Besides the warehouses on Commercial street, they have warehouses at the Boston & Albany yard on Huntington avenue and one for the storage of flour and feeds at 17 and 18 Lewis Street.

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The Phillips Manufacturing Company, One of Massachusetts' Leading Industries



The R. B. Phillips Mfg. Co., Worcester, Mass.

The American Steam Gauge & Valve Manufacturing Co. was founded by E. Burt Phillips, father of the present treasurer and manager.

This was the first company in the United States to make a steam gauge, having acquired the American patent rights for the Bourdon gauge—the product of a French inventor.

He afterwards manufactured the J. W. Thompson indicator, which was and is today one of the most important devices used on an engine.

The company gradually made increases in the variety of its product to include safety valves of various descriptions, as well as recording instruments for measuring pressures of fluids and gases of all kinds.

Started in a modest factory on Sudbury street, increasing business and prospects made it imperative that larger quarters be secured and a commodious structure near the Boylston station in Jamaica Plain was occupied and the company evolved to a young and vigorous corporation.

Thus was the uneventful history of the birth and early development of the company which has recently placed the largest contracts for machinery in the United States, and numbers in the personnel of its organization nearly one hundred capable executives, each man picked for his personal efficiency, and hundreds of loyal employees, and has as its guiding genius one of the ablest executives in this country.

RALPH B. PHILLIPS.

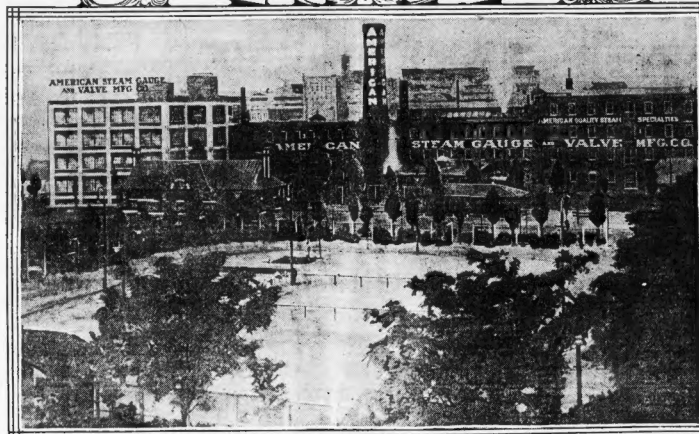
Let us look for a moment into the record and achievements of the present head of the corporation.

Ralph B. Phillips, who is only thirty-seven years old, was literally born for his job. As a youth he manifested a keen interest in the machines and the intricacies of the work in his father's factory.

It was with a knowledge that he was learning something of concrete value and building for a business future, as well as with real enjoyment that he delved into the details of manufacture in the factory.

Such a practical experience fitted him well to take charge of the plant, a position he assumed only twelve years ago. A fairly large sales force was traveling the country, but competition was keen and there was ripe opportunity for a young man with initiative and ability to exercise it fully.

Eleven years ago he assumed complete charge of the business. Having been a shirt-sleeve plodder in every branch of the industry he immediately put the fruit of his knowledge to the test.



The American Steam Gauge & Valve Mfg. Co., Boston, Mass.

Soon improved methods added a marked impetus to the scope of the company's activities and it became essential to have a larger factory to carry out the plans of the new manager.

To effect this the present factory on Camden street, with a New York, New Haven & Hartford siding to facilitate the handling and shipping of freight, was secured.

His management developed numerous improvements in the product and added steam specialties to the engineering world.

Offices and sales forces are now located in New York, Atlanta, Chicago, Pittsburgh, Denver and San Francisco. The present executive has witnessed an increase in the business under his administration of over 400 per cent, and the company stands at this time as the largest manufacturer of steam specialties in the United States.

It has not been all business, for rubbing shoulders with workers makes one realize that even the most menial employee has an inherent ambition to improve his condition. This desire has been cultivated by the institution of bonuses and profit-sharing system solely aimed to increase the earning capacity and condition of the worker, and Mr. Phillips' first thought is for the welfare of his employees, and is constantly thinking of and devising means for their benefit. In one thing, however, he is very positive, and that is the conduct of his business.

He conducts a wide-open shop, neither discriminating for nor against union or non-union men. He will not, however, meet or consult with delegates of unions or delegations of his own employees, but treats directly with the individual employee and rewards him on a basis

of his own personal efficiency, conducting his business at all times on his own basis.

It pays its dividends to the chief in the knowledge that he is surrounded by an organization of skillful men whose interest in their work and loyalty to him are one of his principal sources of pride.

There's nothing much but business in the career and achievements of Ralph B. Phillips. The humble biographer finds no chance for fulsome praise and fervid panegyric unless a marked success and an honored niche in the business world are the subjects on which he strive. If it makes a goal for any to aspire, it is to those who feel that practical experience and hard work must eventually pay their dividends.

Turn now to that phase of the company's business which has brought it more or less in the public eye recently.

PREPAREDNESS AND ABILITY TO MEET BIG PROBLEMS

Not many foresaw that the outbreak of the great war in Europe must necessarily make the United States the great market of the universe for the purchase of immense quantities of supplies of compelling demand.

This company realized that the experience in handling the metal required in the manufacture of its product would prove of great value. Having specialized so long in handling brass, essential in the manufacture of war munitions, it logically followed that there would be a market for its activities when the duration of the conflict made it impelling to get supplies and get them of quality and in immense quantities with the greatest dispatch. And so they prepared.

Some of the largest purchases of automatic and secondary machinery for making time fuses and detonating fuses combined with huge quantities of metal were made.

Phillips Mfg. Co., Lowell, Mass.

Mr. Phillips holds options on practically all of the automatic machinery suitable for fuse making which is manufactured or to be manufactured in this country from now until next July.

Subsequent changes in the specifications for these fuses substituted the use of steel for brass. An intimate knowledge of the copper and spelter market was the best barometer of the forthcoming change, and Manager Phillips had anticipated it by preparing and equipping his machinery to meet the change, the equipment including the handling of the metals either in forging or rods.

The preparation can be credited to exceptional foresight. It was complete and cumulative evidence that the man who knows the job and is on it cannot be outflanked, even industrially.

These initial orders were met and delivered on time. New orders from the British government through the firm of J. P. Morgan came and additional contracts of such volume that it was again found necessary to enlarge the present plant.

The new structure adjoining the old site is noticeable through its more modern architecture, improved conveniences for employees and the infinite little things that go to make the up-to-date industrial establishment a more pleasing place to work in and more pleasant to the eye.

Naturally the tremendous increase in business meant the placing of great orders for the material to fulfill these contracts and the orders placed by the head of the American Steam Gauge & Valve Manufacturing Co. for machinery alone were the largest ever placed in the United States.

Another increase in the floor space caused a scanning of the field of available industrial sites and the plant of the Critchley Machine & Screw Co. of Worcester was acquired by Mr. Phillips, to which he has since added two entire floors and extra additions, which will increase its capacity over 200 per cent.

The plant of the Patterson Rubber Co. of Lowell, since acquired, gives 70,000 more feet of the finest factory space to be found in New England.

These plants are organized under the name of the R. B. Phillips Manufacturing Company, and he has already placed with them work that will insure their operation on full time for the next fifteen months. And other extensions beyond those mentioned above are yet contemplated.

The American Steam Gauge & Valve Manufacturing Co. is not by any means a one-man organization. The chief executive is surrounded by one of the ablest corps of engineers that money could secure, one in particular is drawing a salary three times as large as Mr. Phillips, which indicates his method that each man is paid according to his ability.

Mr. Phillips' companies are now making British graze 100 high explosive fuses, Russian 80-44 time fuses for shrapnel and the Russian high explosive detonating fuses, as well as many additional mechanical parts.

All of the advance deposits which are customary with contracts of this nature are being placed in Boston banks, so that the community in a measure benefits from these great accounts just cited as an evidence of his interest in Boston welfare.